

Data File : VW008510.D
Acq On : 04 Feb 2019 19:03
Operator : SY/VA
Sample : K1341-01
Misc : 6.58G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-05-020419-A

Quant Time: Feb 05 03:09:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	347403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	567563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	191486	56.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.22%	
35) Dibromofluoromethane	7.88	113	179600	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.32	98	656468	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	209269	40.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	123	3.310	ug/l #	41
7) Trichlorofluoromethane	3.26	101	268	4.802	ug/l #	18
11) Tert butyl alcohol	5.18	59	380	1.383	ug/l #	1
13) Acrolein	3.90	56	124	4.688	ug/l	83
16) Acetone	4.12	43	43511	56.772	ug/l	98
20) Methylene Chloride	4.91	84	15193	4.301	ug/l	95
25) 2-Butanone	7.18	43	5779	5.429	ug/l	96
31) Cyclohexane	7.95	56	8067	1.204	ug/l #	5
36) 1,1-Dichloropropene	7.94	75	25963	4.843	ug/l #	50
38) Carbon Tetrachloride	7.95	117	32976	6.112	ug/l #	16
52) Toluene	10.38	92	927374	94.433	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	10869	2.024	ug/l #	1
55) 1,1,2-Trichloroethane	10.76	97	8335	3.150	ug/l #	20
67) Ethyl Benzene	11.73	91	63422	3.572	ug/l	98
68) m/p-Xylenes	11.83	106	136609	19.830	ug/l	97
69) o-Xylene	12.16	106	80926	12.363	ug/l	100
73) Isopropylbenzene	12.46	105	47717	3.670	ug/l	98
74) N-amyl acetate	12.25	43	7693	2.297	ug/l #	56
76) 1,2,3-Trichloropropane	12.87	75	4821	3.180	ug/l #	1
77) Bromobenzene	12.91	156	114103	40.188	ug/l #	1
78) n-propylbenzene	12.80	91	162003	10.375	ug/l	99
79) 2-Chlorotoluene	12.87	91	48942	5.555	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.94	105	234512	21.582	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.47	75	4120	5.367	ug/l #	34
82) 4-Chlorotoluene	12.94	91	25552	2.724	ug/l #	59
84) 1,2,4-Trimethylbenzene	13.26	105	834630	75.568	ug/l	99
85) sec-Butylbenzene	13.38	105	80934	5.861	ug/l	82
86) p-Isopropyltoluene	13.50	119	61328	5.070	ug/l	100
89) n-Butylbenzene	13.83	91	156459	13.173	ug/l #	67
90) Hexachloroethane	14.10	117	25062	10.594	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.51	75	657	1.682	ug/l #	33
95) Naphthalene	15.37	128	229875	36.160	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020419\
Quantitation Report (Not Reviewed)

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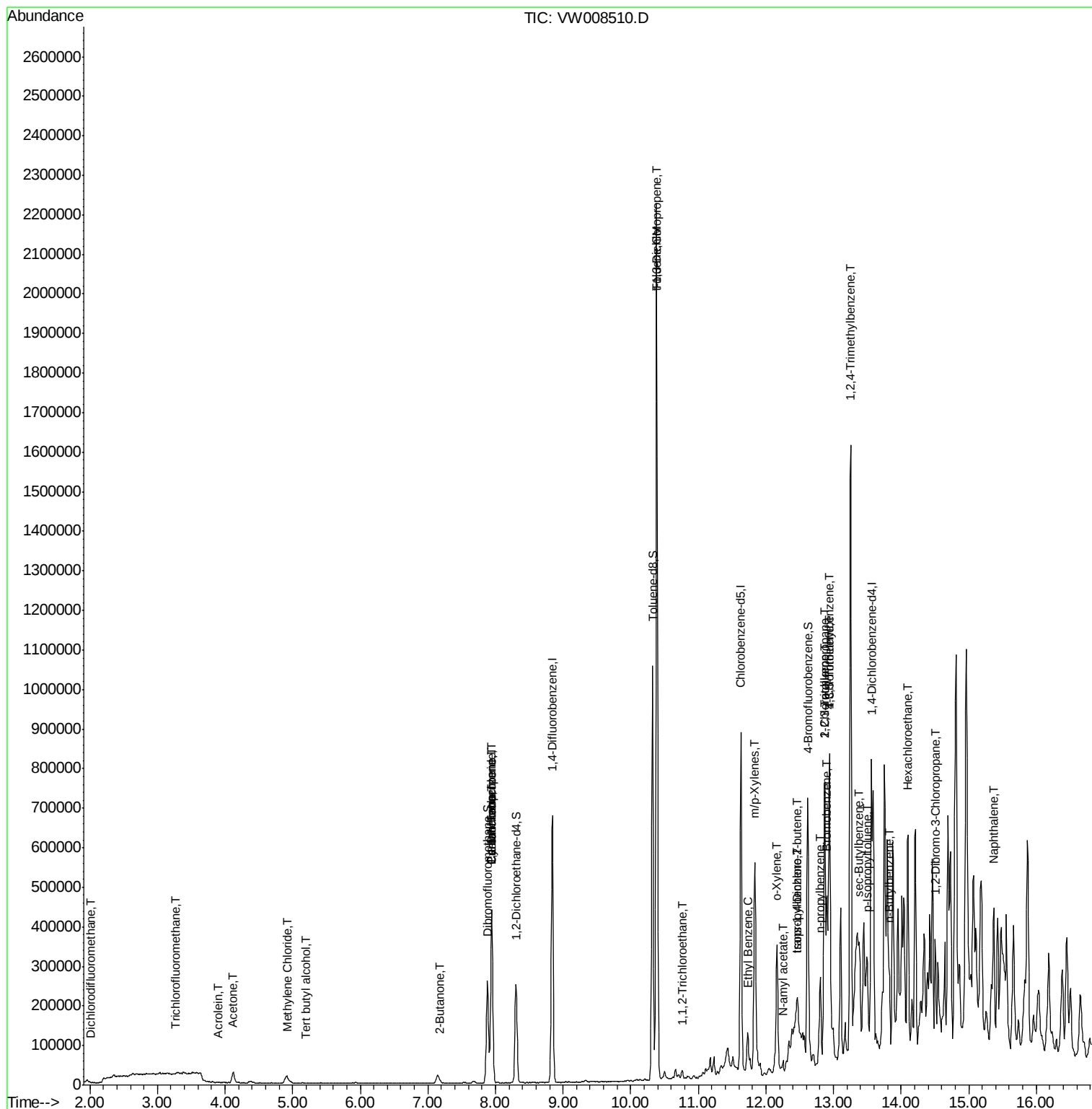
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

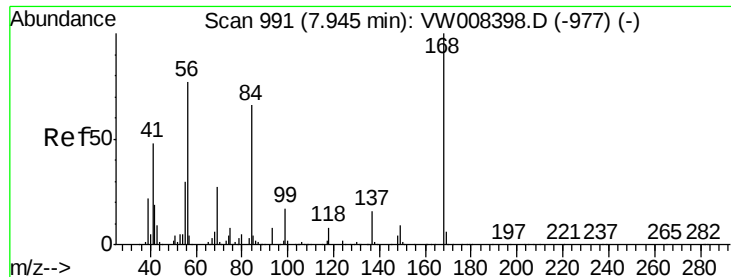
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

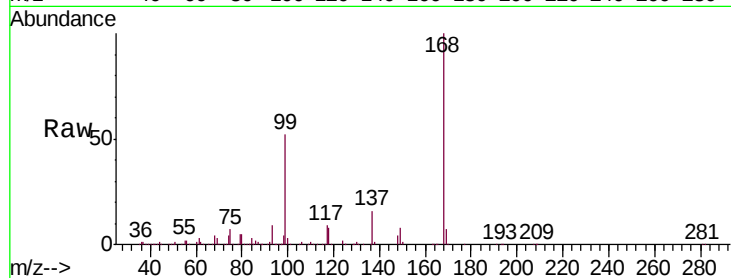
HR-05-020419-A

Tgt Ion:168 Resp: 347403

Ion Ratio Lower Upper

168 100

99 52.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

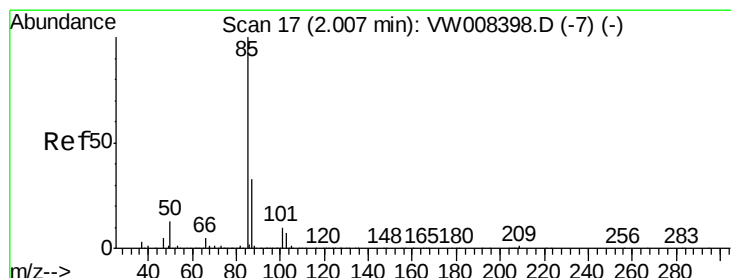
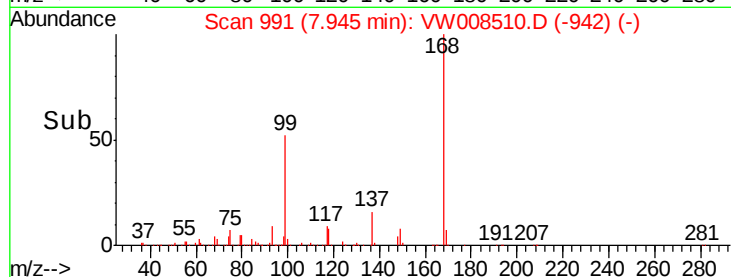
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.310 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008510.D

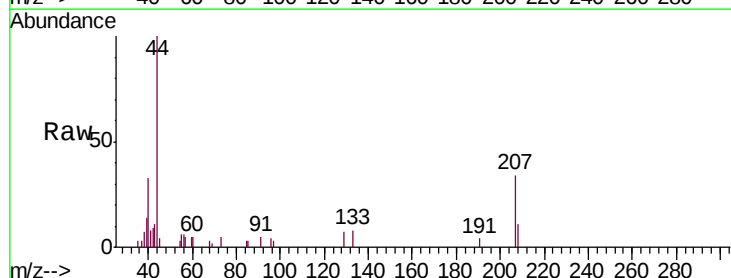
Acq: 04 Feb 2019 19:03

Tgt Ion: 85 Resp: 123

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

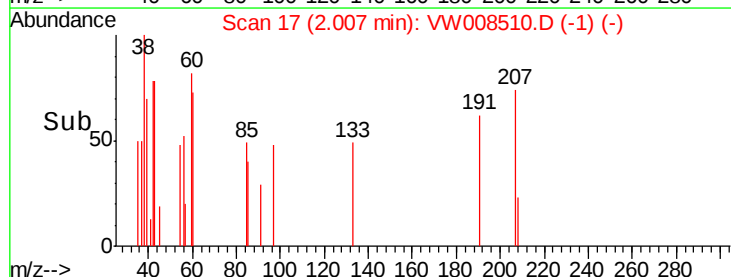
150

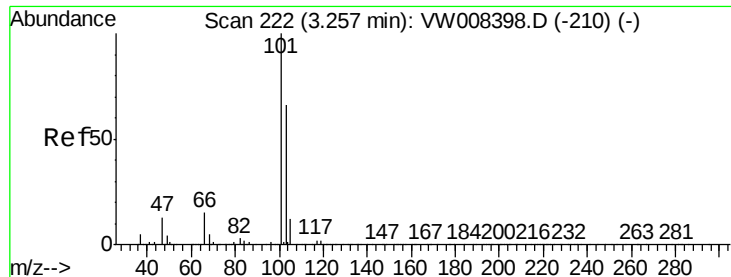
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50

0

Time-->



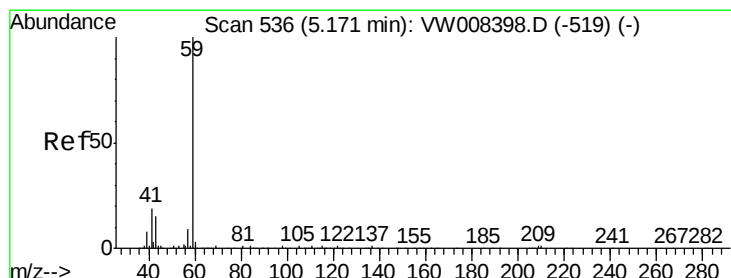
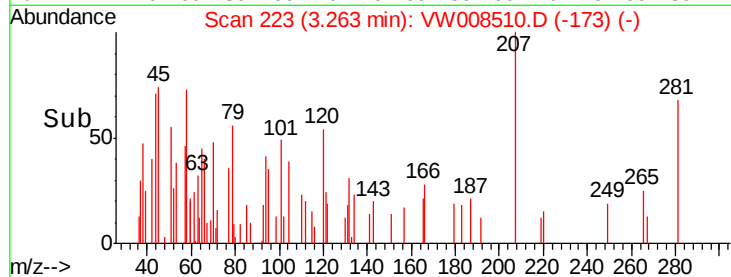
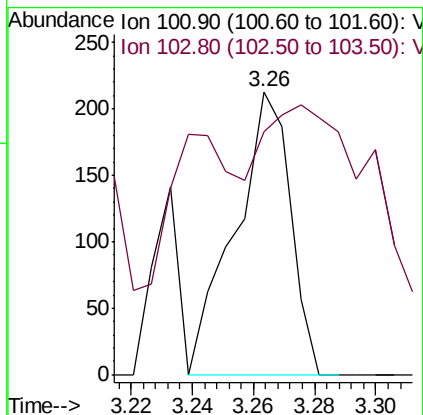
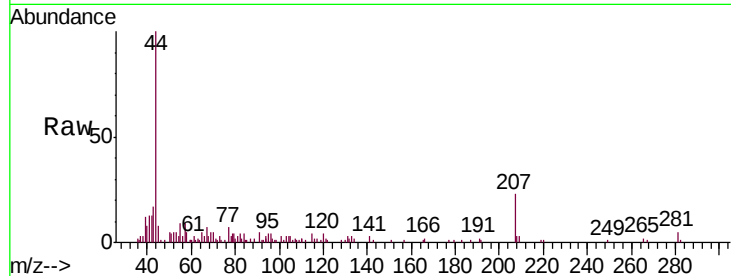


#7

Trichlorofluoromethane
Concen: 4.802 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.01 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

Instrument :
MSVOA_W
ClientSampleId :
HR-05-020419-A

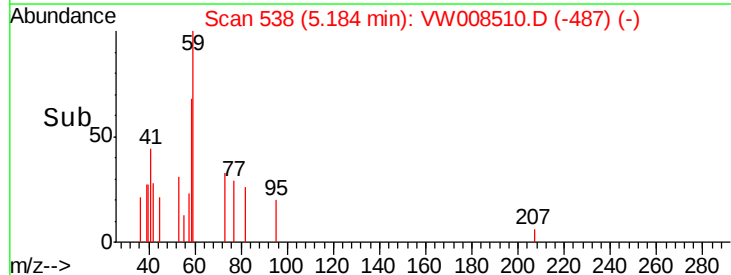
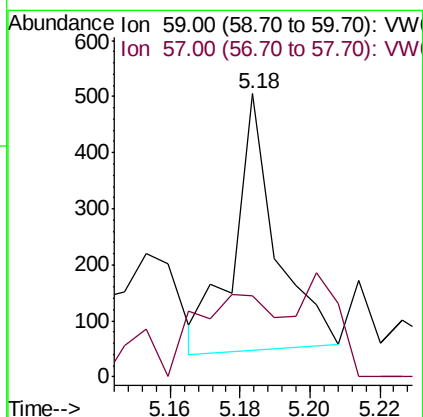
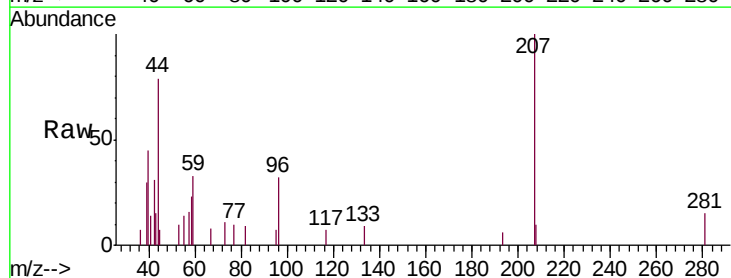
Tgt Ion: 101 Resp: 268
Ion Ratio Lower Upper
101 100
103 0.9 52.5 78.7#

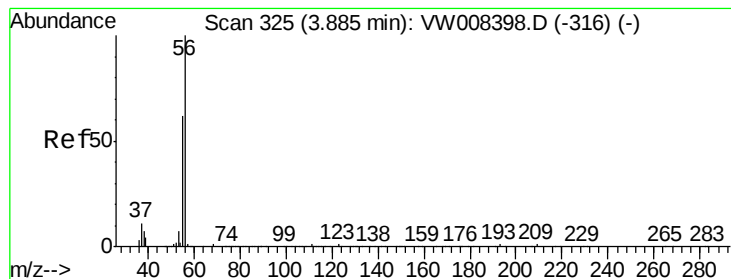


#11

Tert butyl alcohol
Concen: 1.383 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 59.7 9.3 13.9#





#13

Acrolein

Concen: 4.688 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.02 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

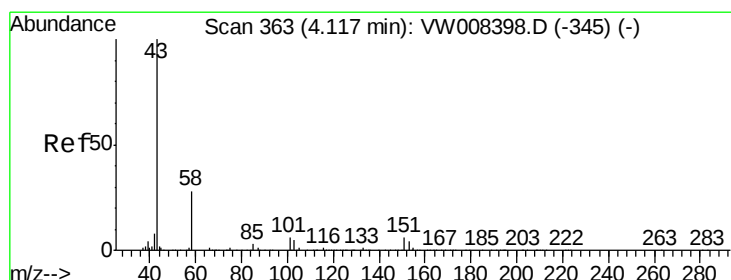
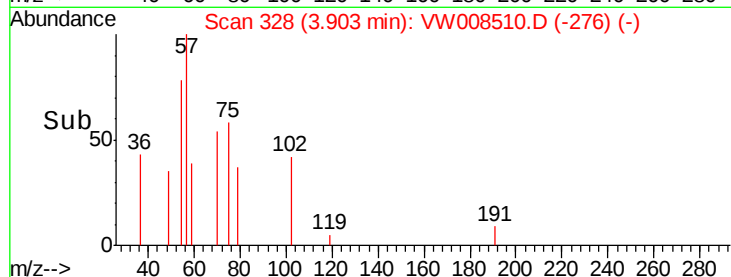
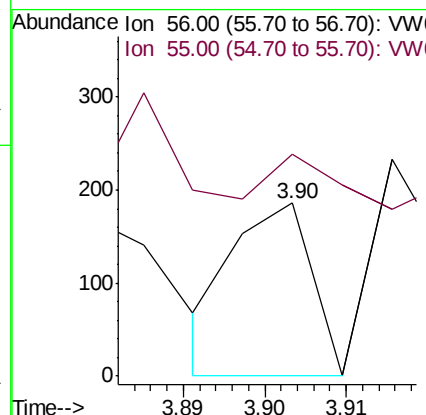
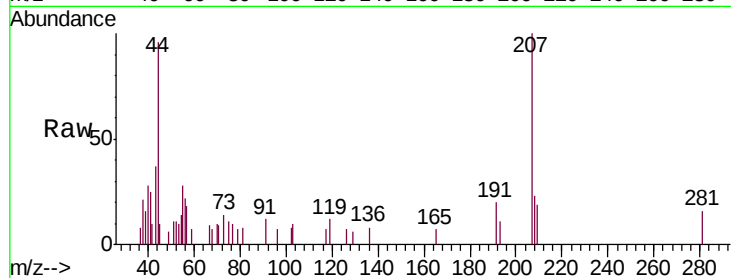
HR-05-020419-A

Tgt Ion: 56 Resp: 124

Ion Ratio Lower Upper

56 100

55 84.7 56.7 85.1



#16

Acetone

Concen: 56.772 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008510.D

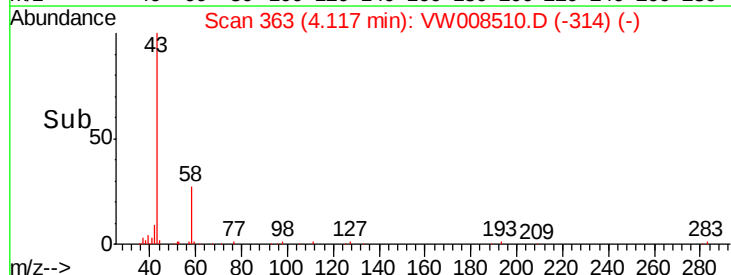
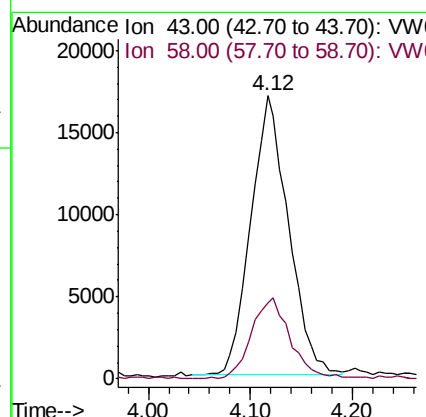
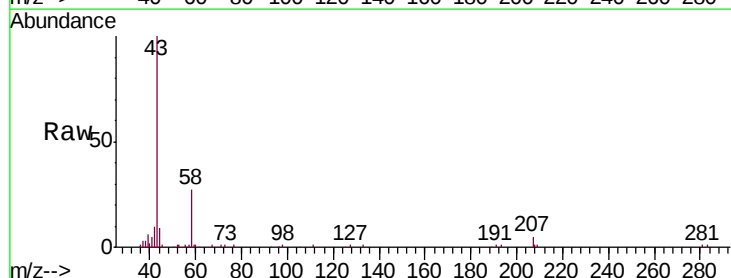
Acq: 04 Feb 2019 19:03

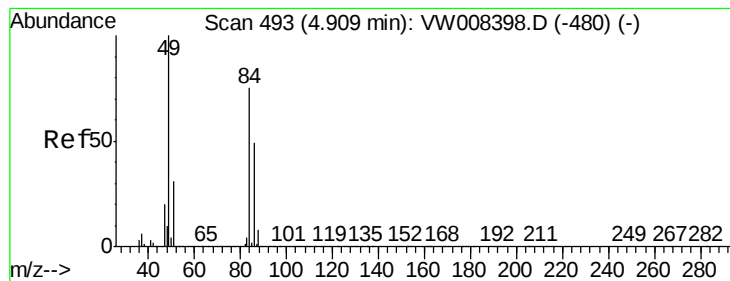
Tgt Ion: 43 Resp: 43511

Ion Ratio Lower Upper

43 100

58 27.2 22.6 34.0





#20

Methylene Chloride

Concen: 4.301 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

HR-05-020419-A

Tgt Ion: 84 Resp: 15193

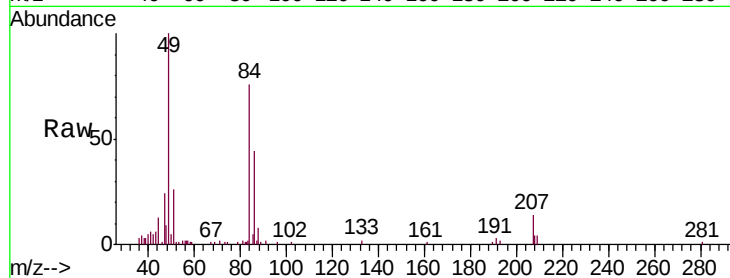
Ion Ratio Lower Upper

84 100

49 131.5 106.8 160.2

51 34.5 32.9 49.3

86 58.3 52.2 78.2



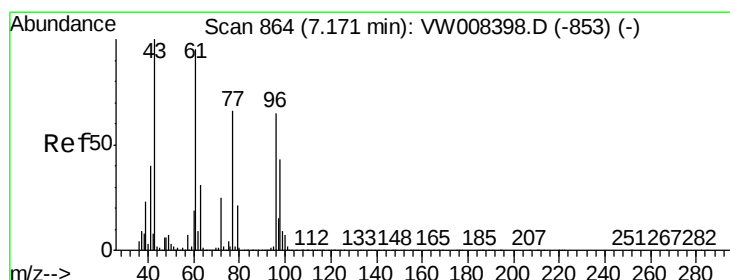
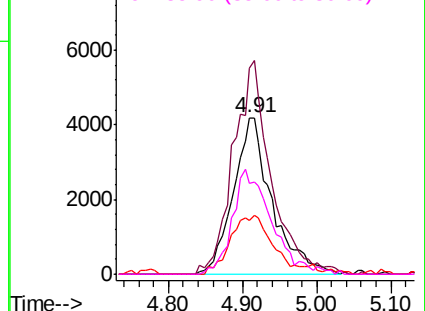
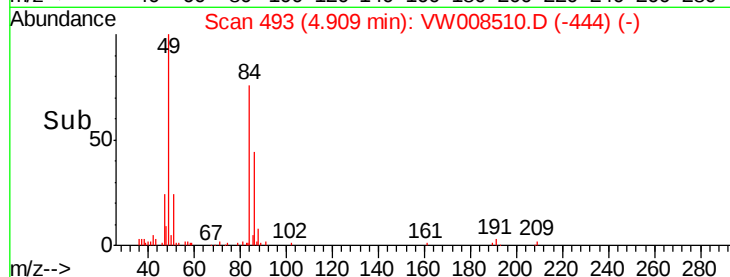
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 5.429 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008510.D

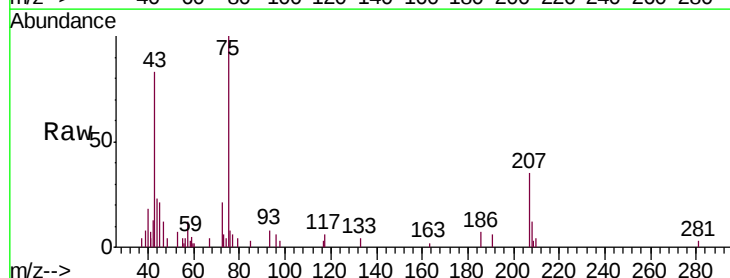
Acq: 04 Feb 2019 19:03

Tgt Ion: 43 Resp: 5779

Ion Ratio Lower Upper

43 100

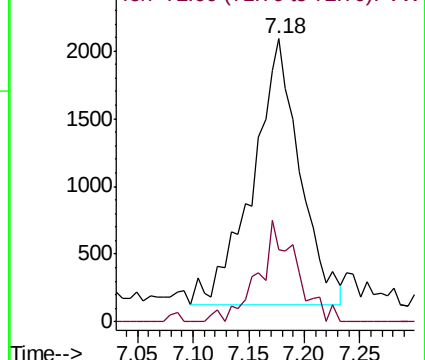
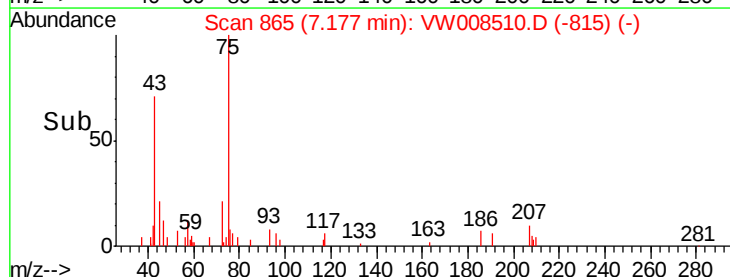
72 27.3 20.1 30.1

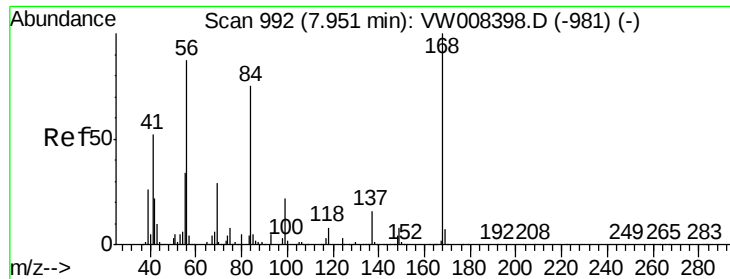


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

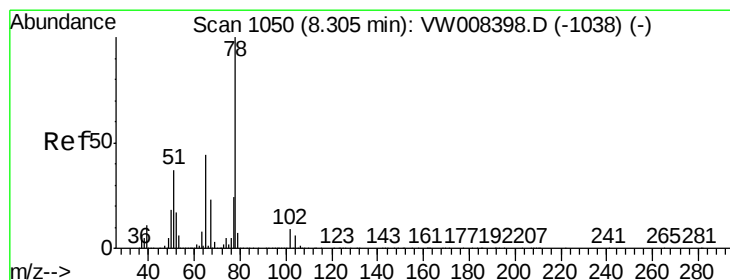
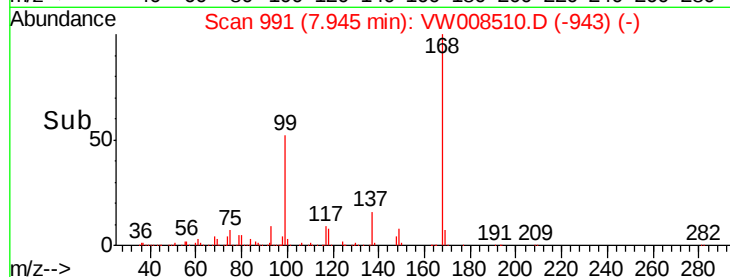
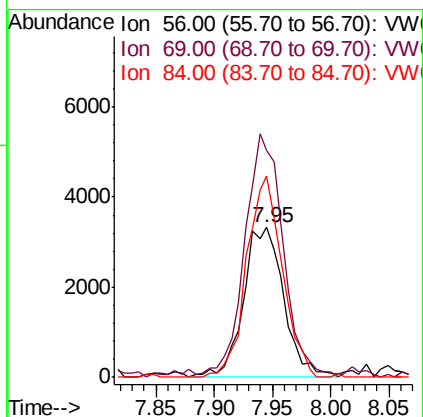
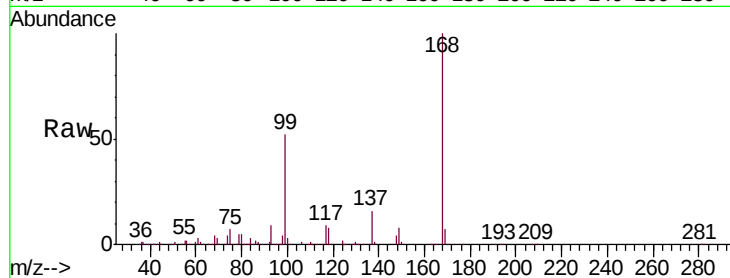




#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

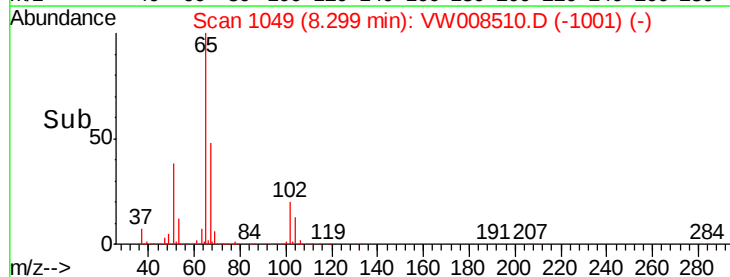
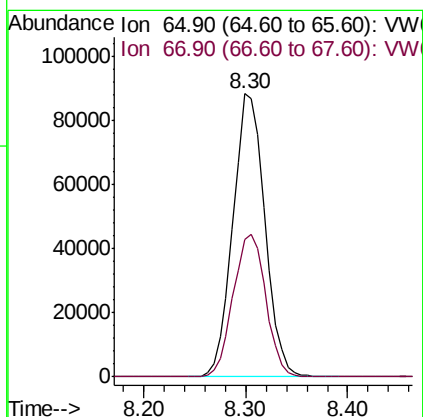
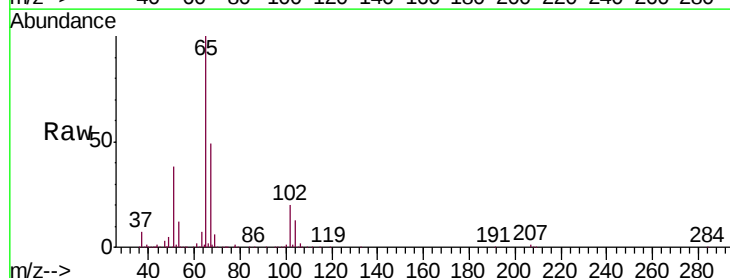
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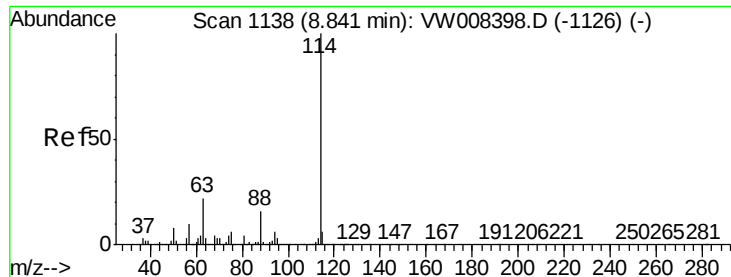
Tgt Ion: 56 Resp: 8067
Ion Ratio Lower Upper
56 100
69 151.6 26.4 39.6#
84 134.1 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 56.106 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

Tgt Ion: 65 Resp: 191486
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

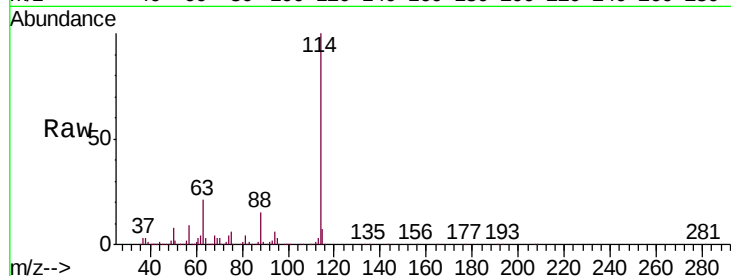




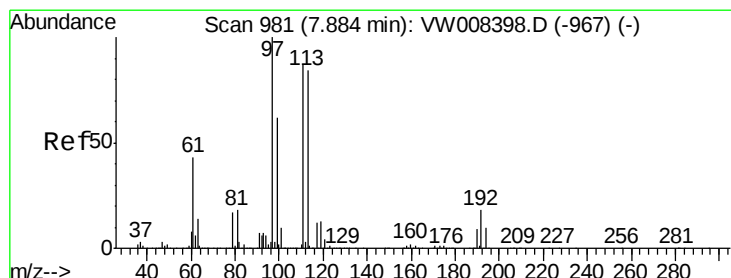
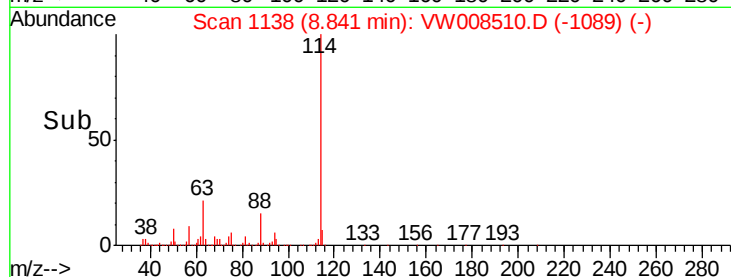
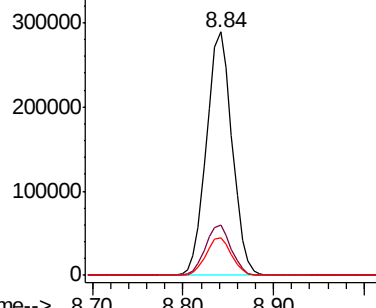
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008510.D
 Acq: 04 Feb 2019 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-020419-A

Tgt Ion:	114	Resp:	567563
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	15.5	0.0	31.8

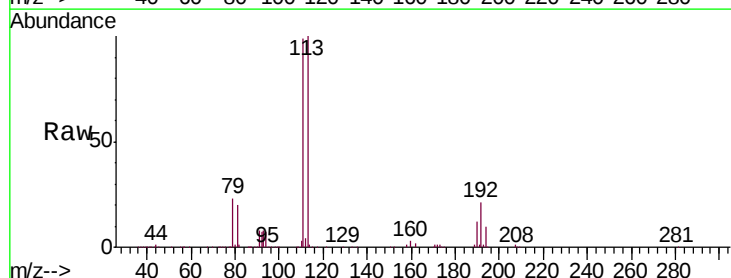


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

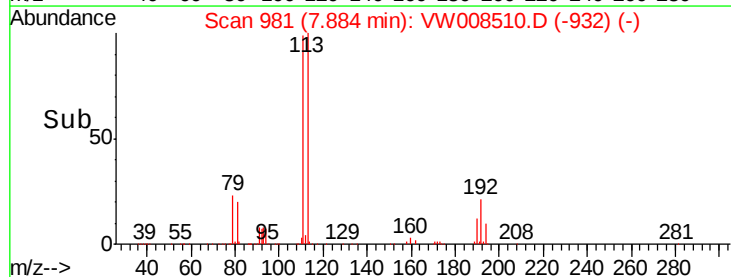
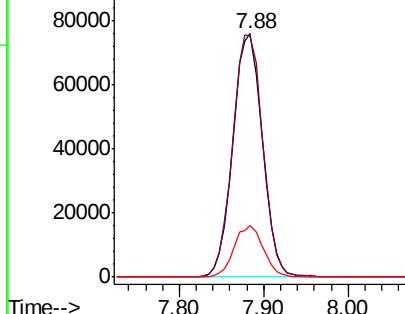


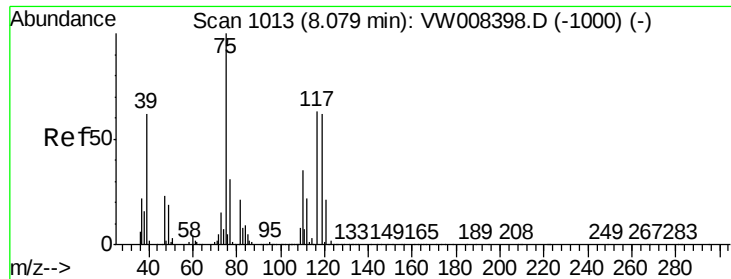
#35
 Dibromofluoromethane
 Concen: 54.117 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008510.D
 Acq: 04 Feb 2019 19:03

Tgt Ion:	113	Resp:	179600
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.4
192	21.0	16.8	25.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

HR-05-020419-A

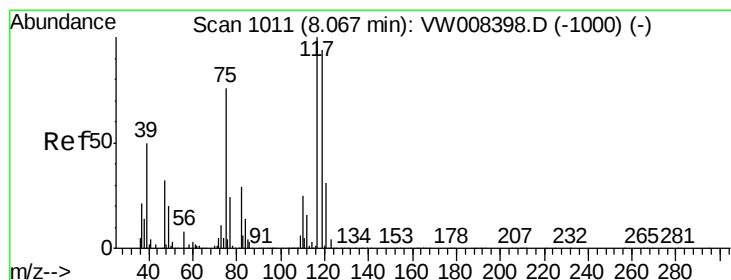
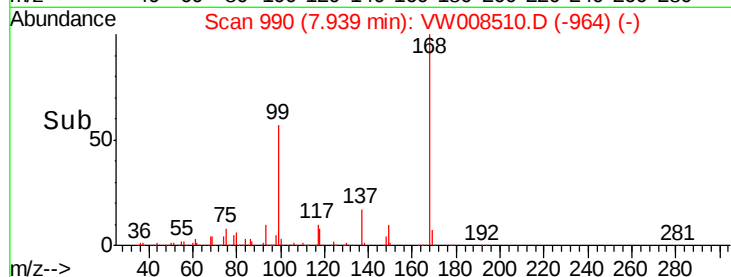
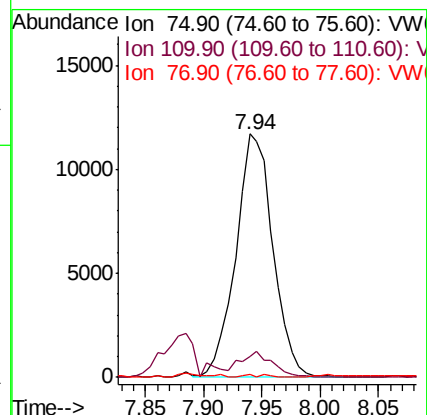
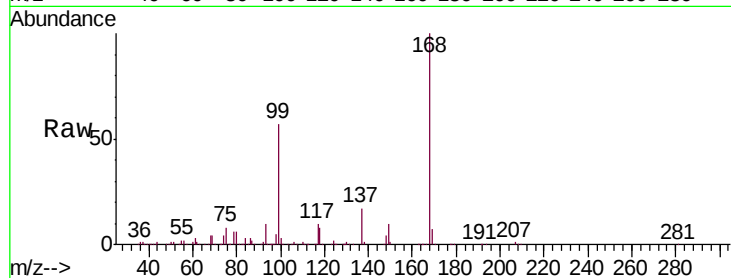
Tgt Ion: 75 Resp: 25963

Ion Ratio Lower Upper

75 100

110 9.1 17.3 52.0#

77 0.3 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.112 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

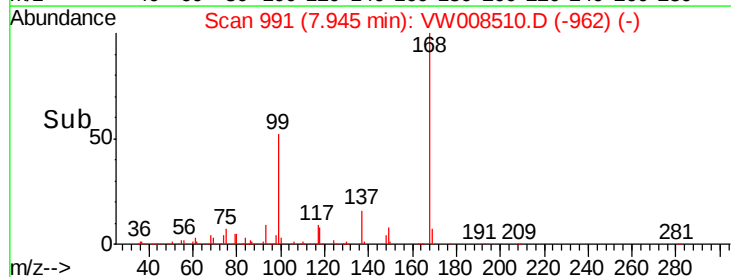
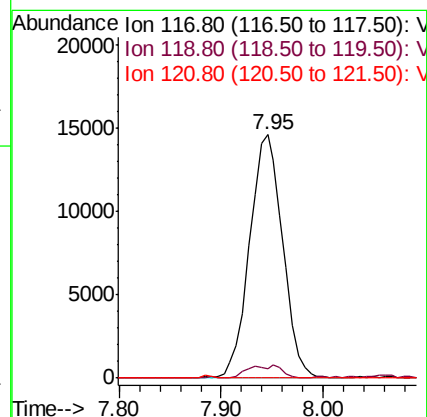
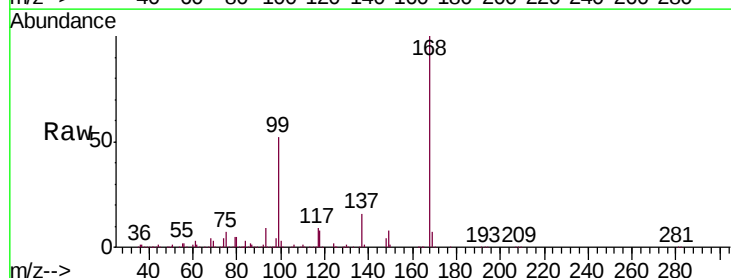
Tgt Ion: 117 Resp: 32976

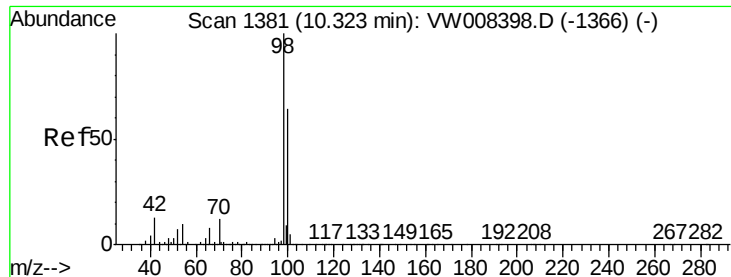
Ion Ratio Lower Upper

117 100

119 3.7 75.0 112.4#

121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: 49.328 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

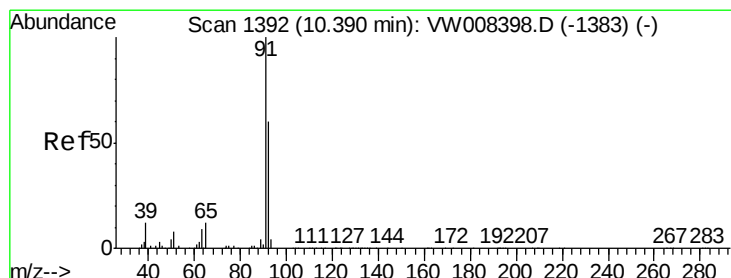
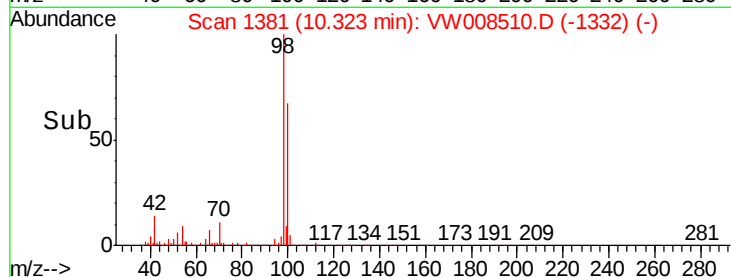
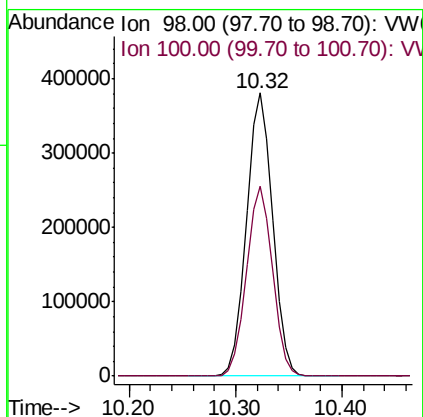
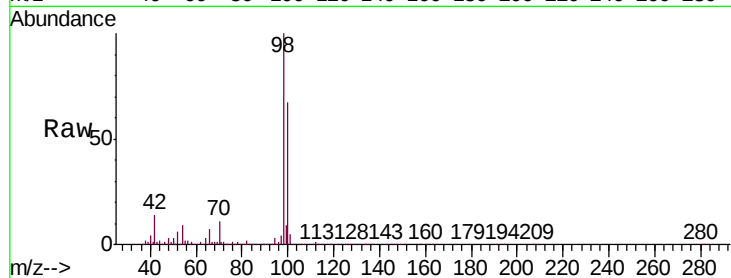
HR-05-020419-A

Tgt Ion: 98 Resp: 656468

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8



#52

Toluene

Concen: 94.433 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008510.D

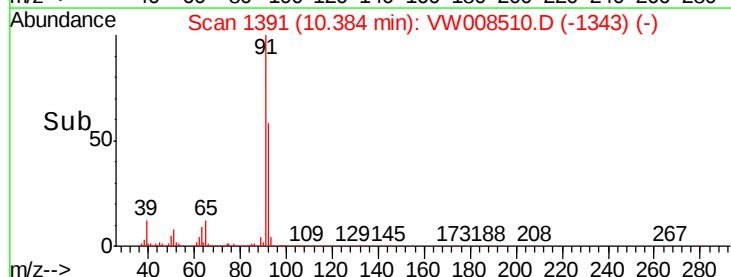
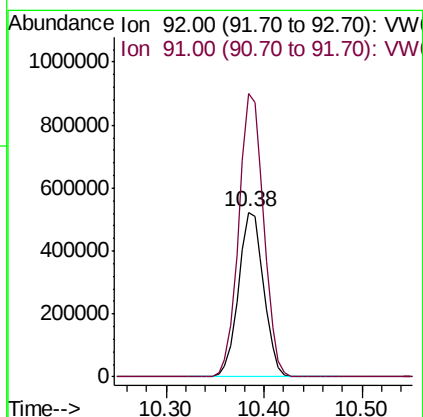
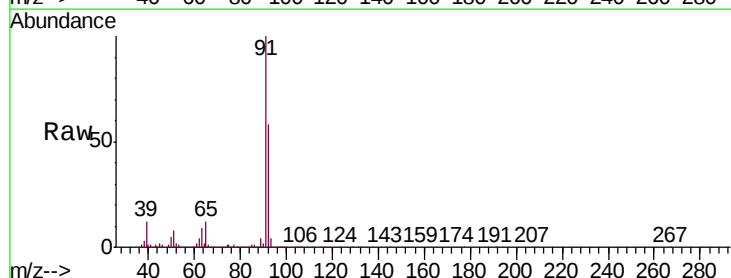
Acq: 04 Feb 2019 19:03

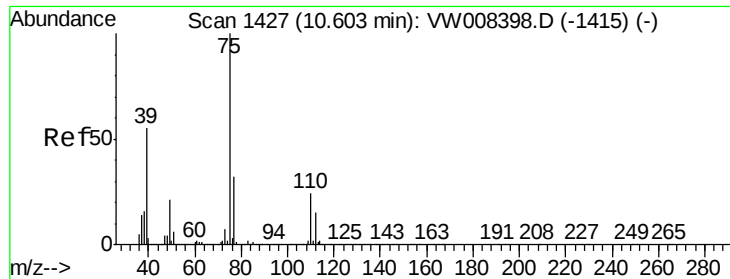
Tgt Ion: 92 Resp: 927374

Ion Ratio Lower Upper

92 100

91 171.1 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 2.024 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.22 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

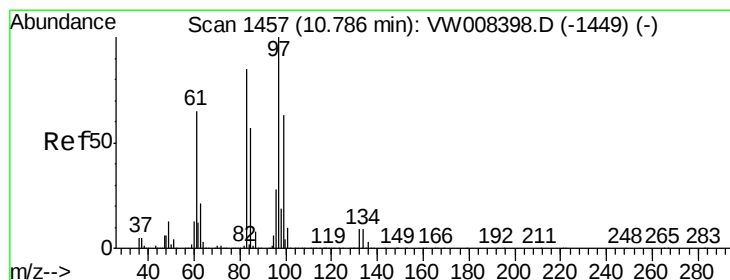
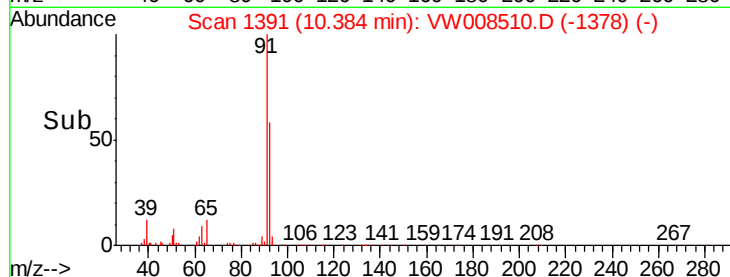
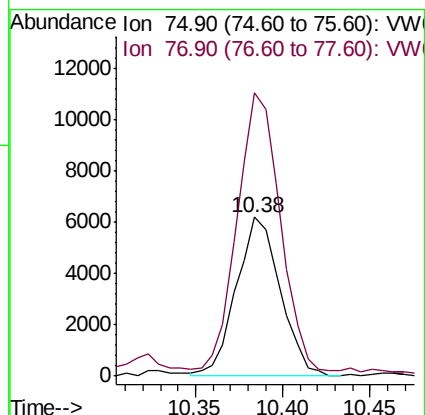
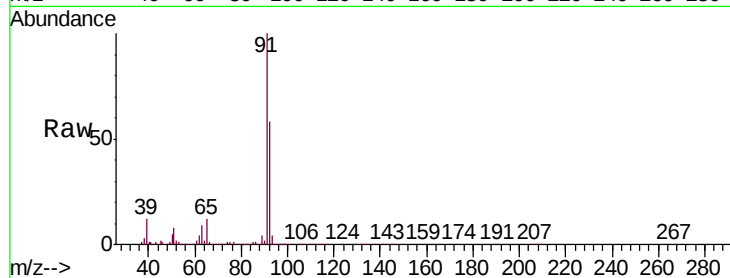
HR-05-020419-A

Tgt Ion: 75 Resp: 10869

Ion Ratio Lower Upper

75 100

77 174.3 25.3 37.9#



#55

1,1,2-Trichloroethane

Concen: 3.150 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Tgt Ion: 97 Resp: 8335

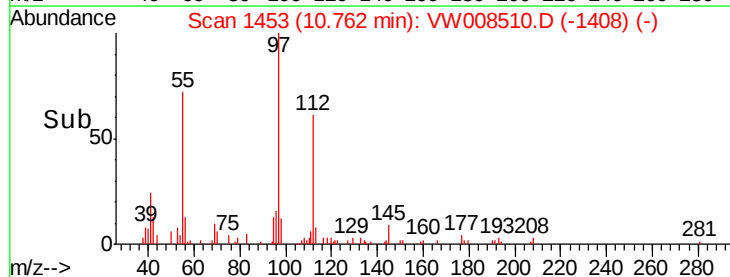
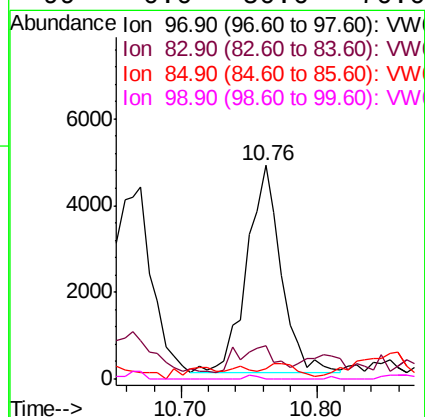
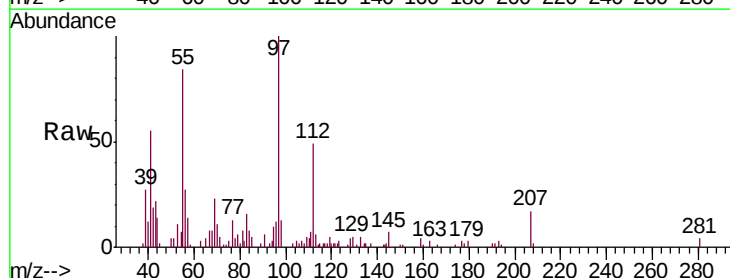
Ion Ratio Lower Upper

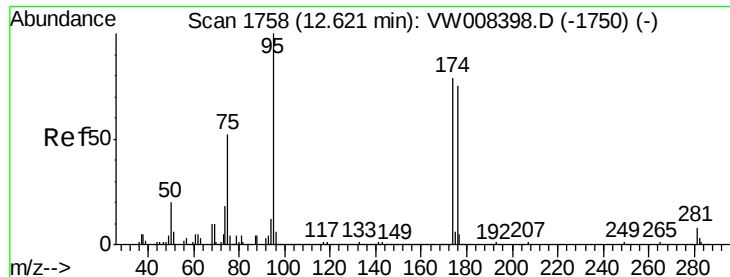
97 100

83 11.0 68.4 102.6#

85 0.0 45.3 67.9#

99 0.0 50.6 76.0#





#62

4-Bromofluorobenzene

Concen: 40.909 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

HR-05-020419-A

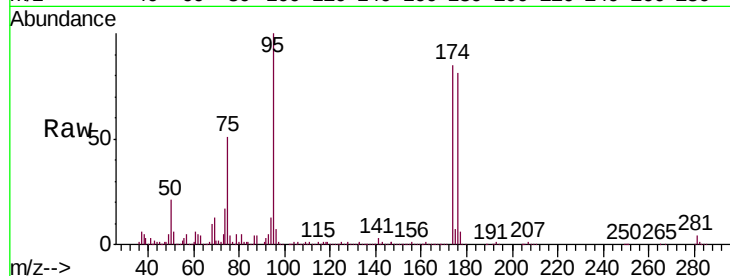
Tgt Ion: 95 Resp: 209269

Ion Ratio Lower Upper

95 100

174 84.2 0.0 157.6

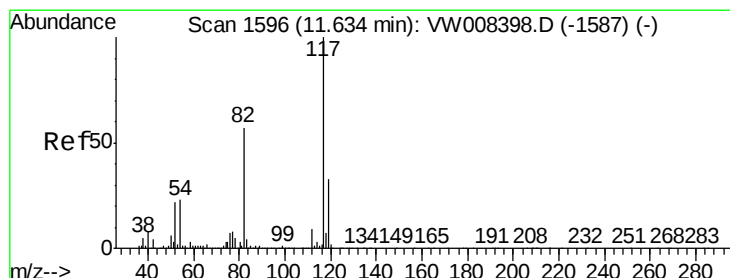
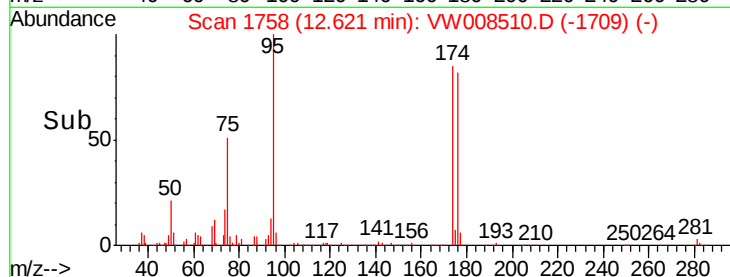
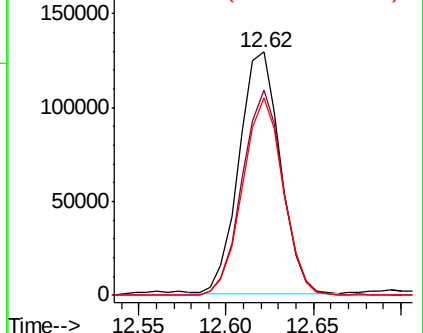
176 81.0 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

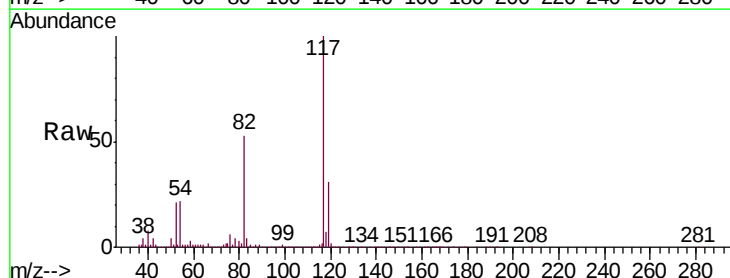
Tgt Ion: 117 Resp: 473184

Ion Ratio Lower Upper

117 100

82 52.9 45.4 68.0

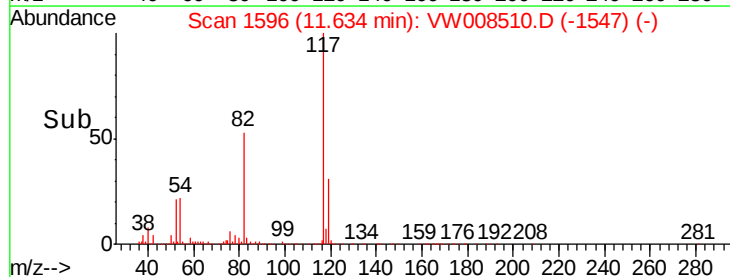
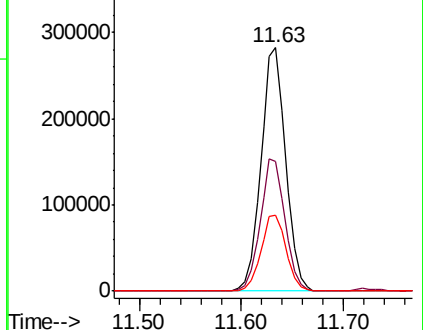
119 31.2 26.2 39.4

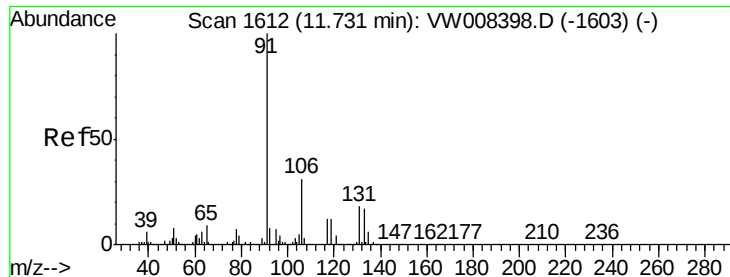


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

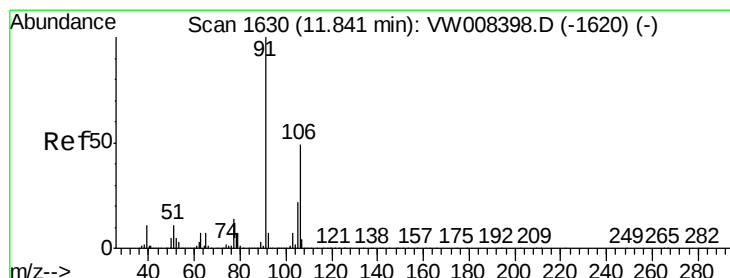
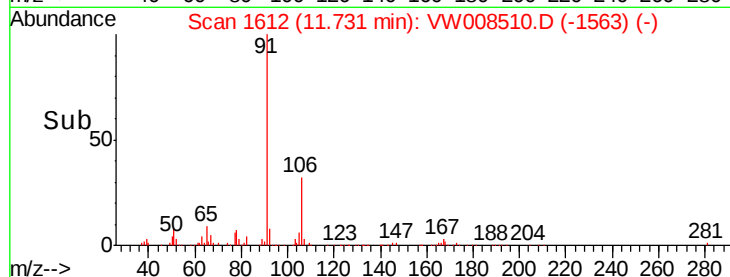
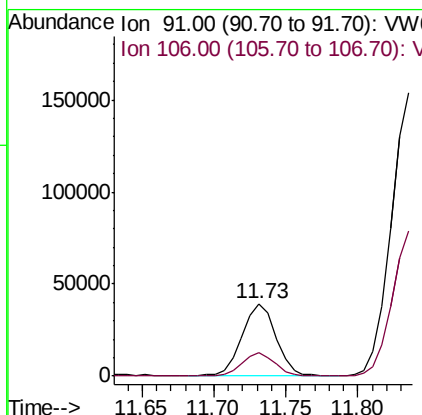
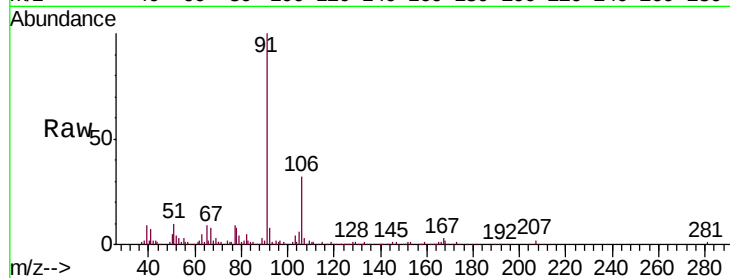




#67
Ethyl Benzene
Concen: 3.572 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

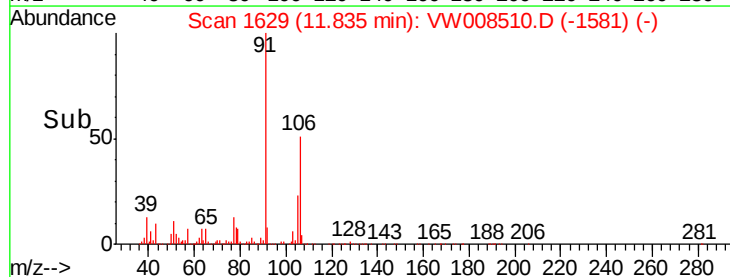
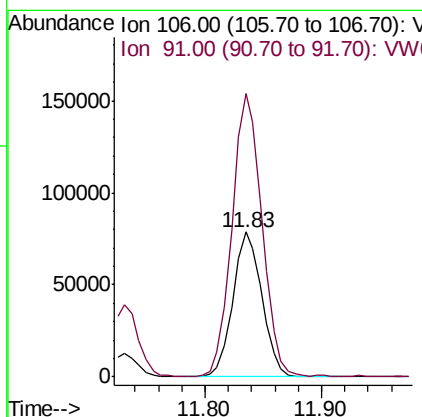
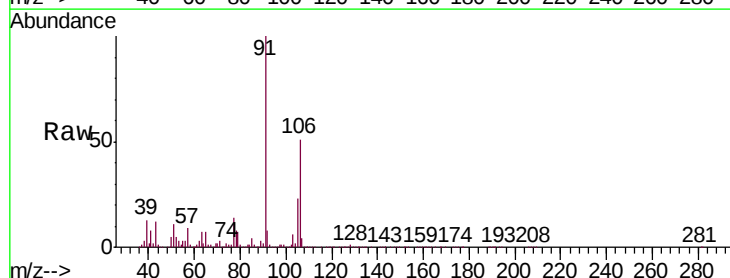
Instrument :
MSVOA_W
ClientSampleId :
HR-05-020419-A

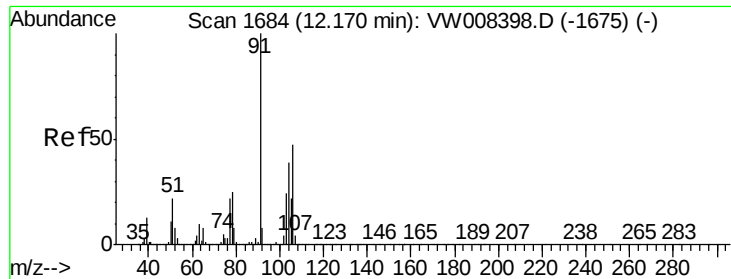
Tgt Ion: 91 Resp: 63422
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 19.830 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

Tgt Ion: 106 Resp: 136609
Ion Ratio Lower Upper
106 100
91 199.7 162.9 244.3

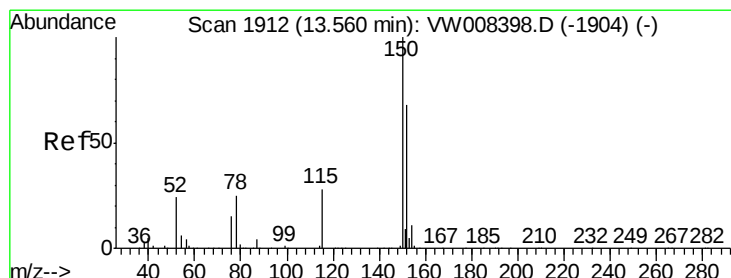
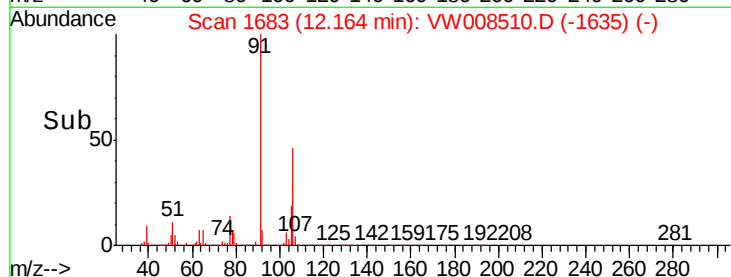
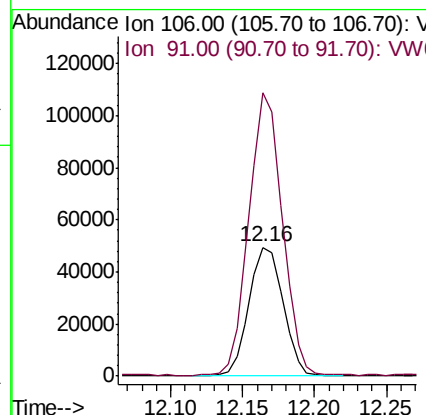
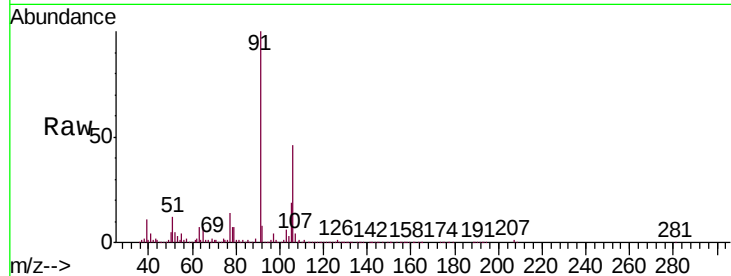




#69
o-Xylene
Concen: 12.363 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

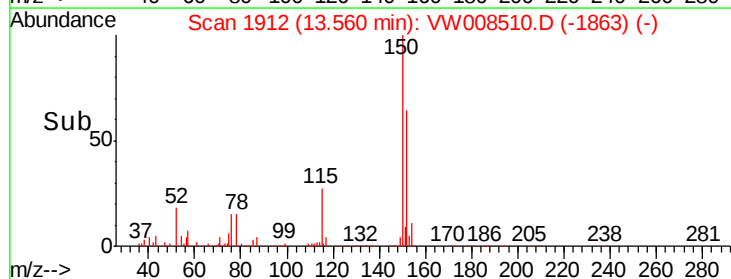
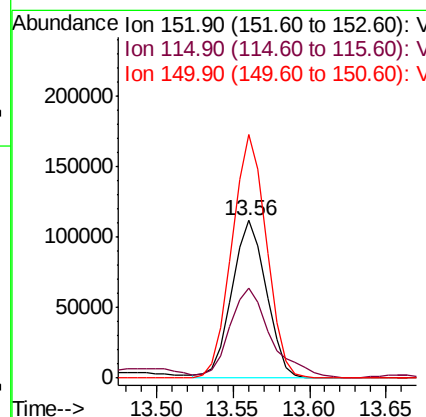
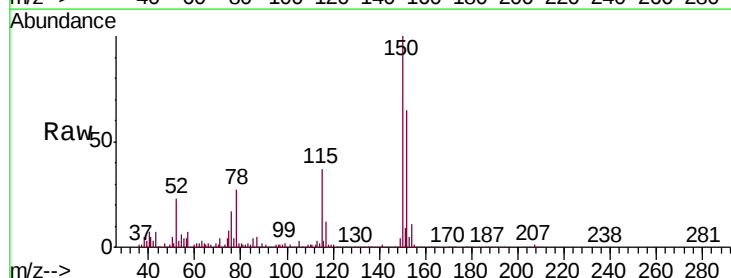
Instrument :
MSVOA_W
ClientSampleId :
HR-05-020419-A

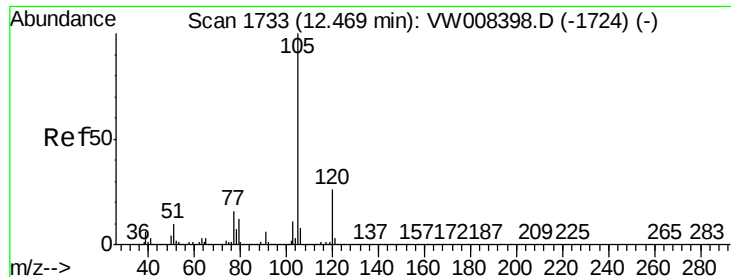
Tgt Ion:106 Resp: 80926
Ion Ratio Lower Upper
106 100
91 215.2 107.5 322.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

Tgt Ion:152 Resp: 174382
Ion Ratio Lower Upper
152 100
115 67.2 29.9 89.7
150 154.6 0.0 351.4





#73

Isopropylbenzene

Concen: 3.670 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

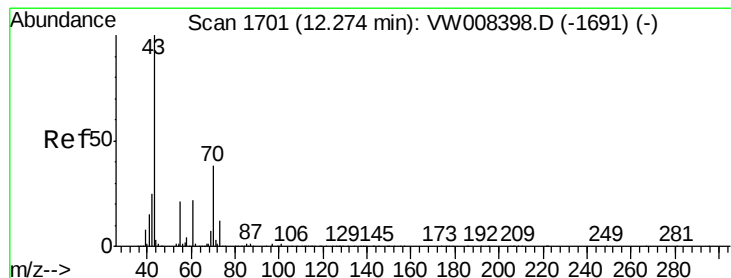
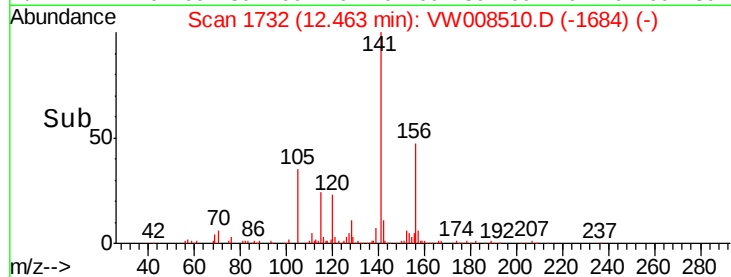
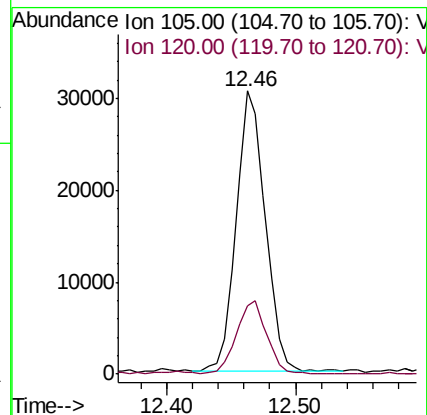
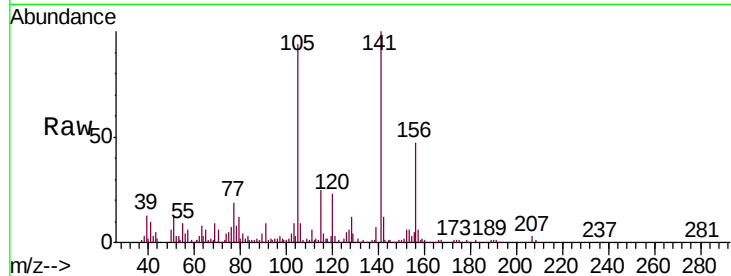
HR-05-020419-A

Tgt Ion: 105 Resp: 47717

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.8



#74

N-ethyl acetate

Concen: 2.297 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Tgt Ion: 43 Resp: 7693

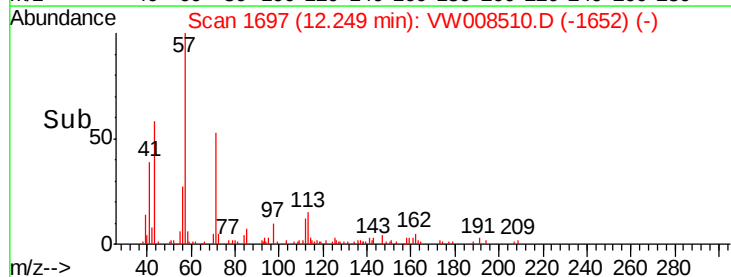
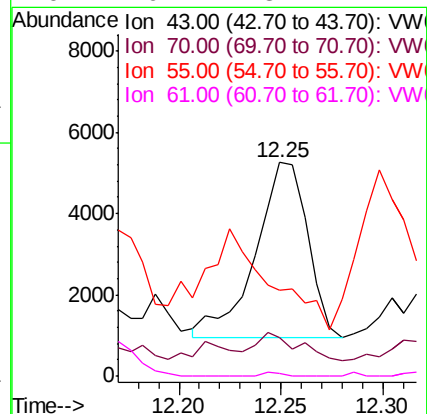
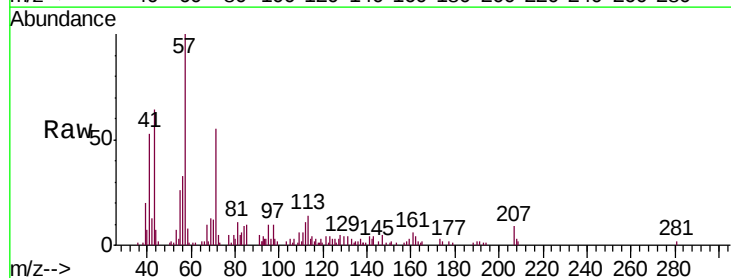
Ion Ratio Lower Upper

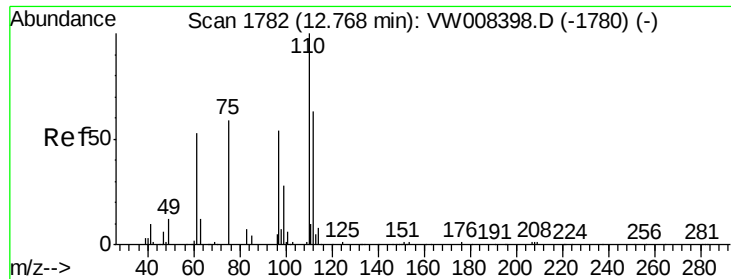
43 100

70 12.8 31.0 46.6#

55 0.0 17.4 26.2#

61 0.7 18.2 27.4#





#76

1,2,3-Trichloropropane

Concen: 3.180 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

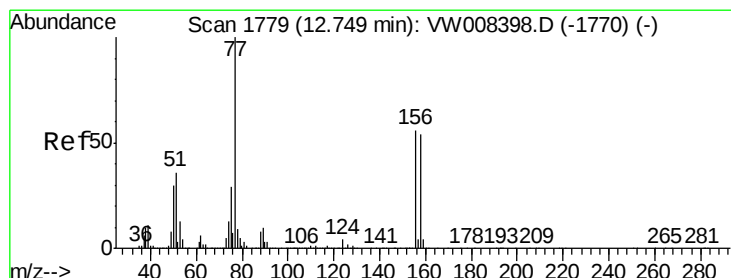
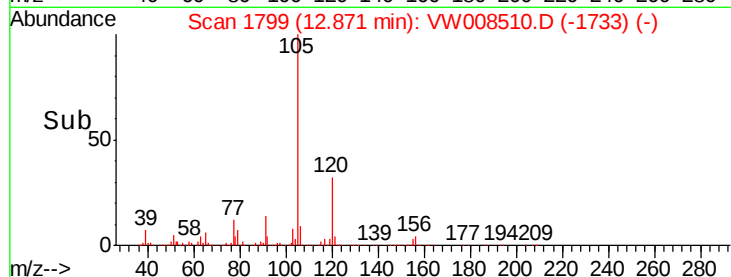
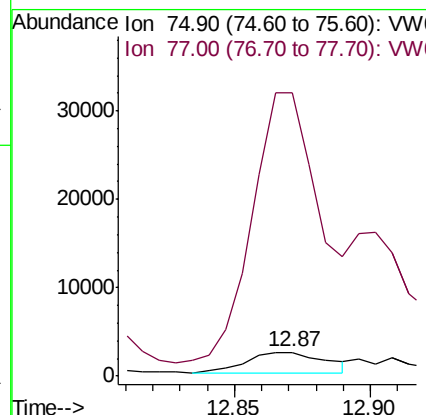
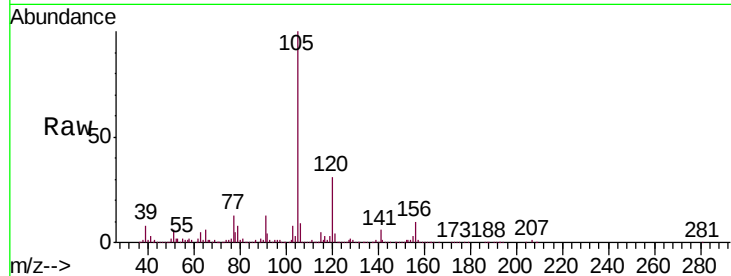
HR-05-020419-A

Tgt Ion: 75 Resp: 4821

Ion Ratio Lower Upper

75 100

77 1107.2 180.7 542.1#



#77

Bromobenzene

Concen: 40.188 ug/l

RT: 12.91 min Scan# 1805

Delta R.T. 0.16 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

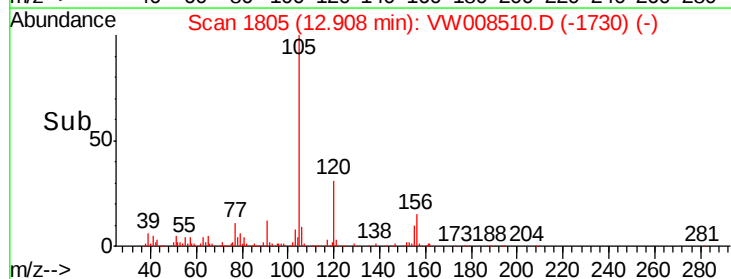
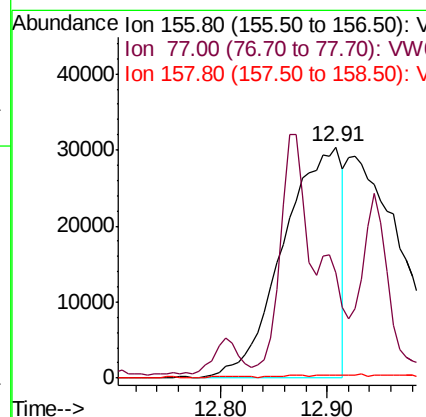
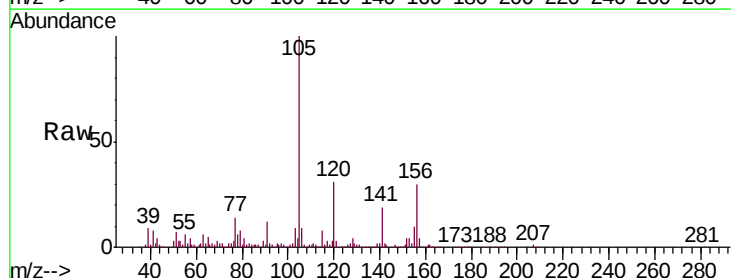
Tgt Ion: 156 Resp: 114103

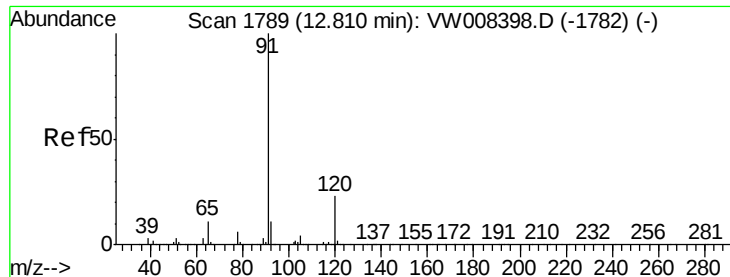
Ion Ratio Lower Upper

156 100

77 0.0 96.9 290.7#

158 0.1 48.8 146.4#





#78

n-propylbenzene

Concen: 10.375 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

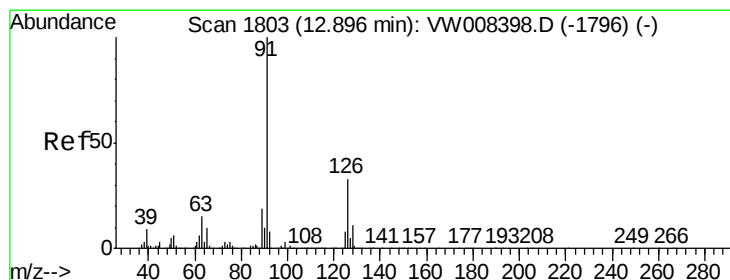
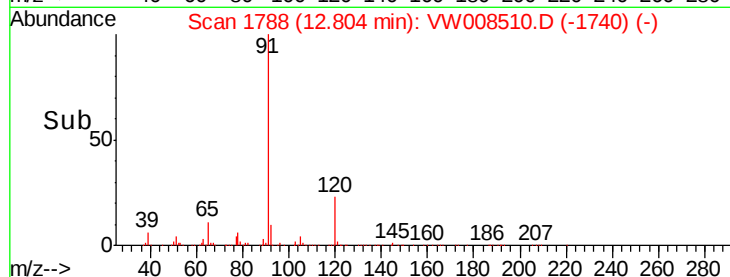
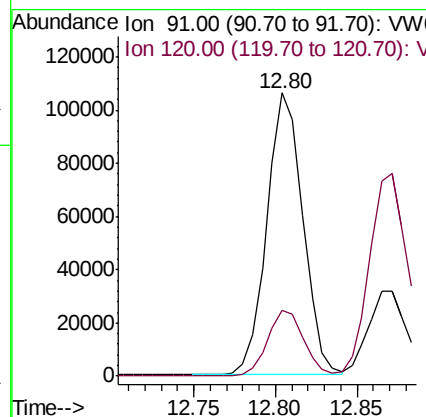
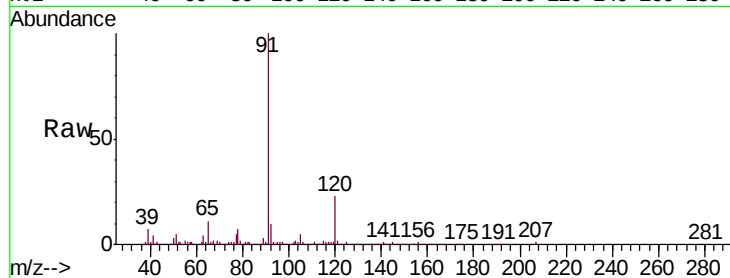
HR-05-020419-A

Tgt Ion: 91 Resp: 162003

Ion Ratio Lower Upper

91 100

120 23.4 11.4 34.1



#79

2-Chlorotoluene

Concen: 5.555 ug/l

RT: 12.87 min Scan# 1798

Delta R.T. -0.03 min

Lab File: VW008510.D

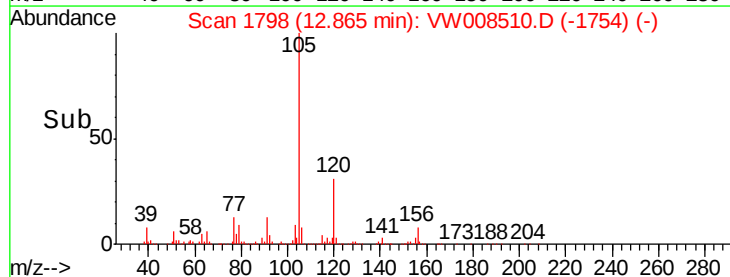
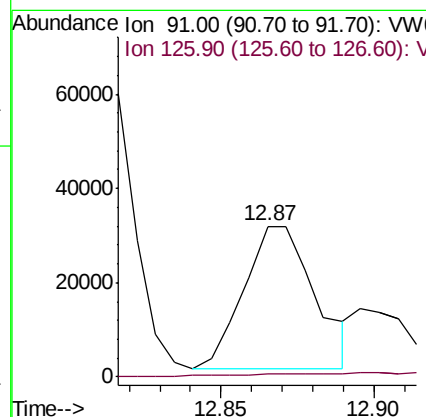
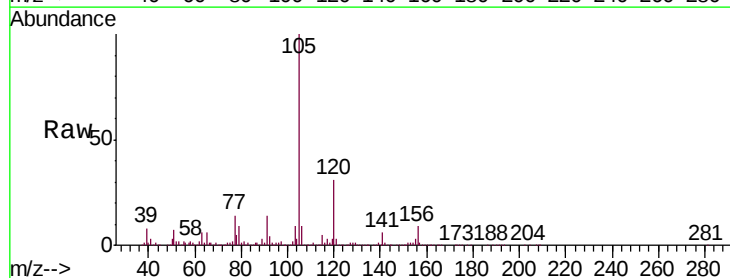
Acq: 04 Feb 2019 19:03

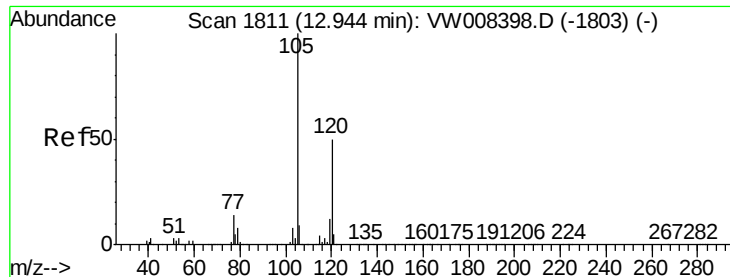
Tgt Ion: 91 Resp: 48942

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#





#80

1,3,5-Trimethylbenzene

Concen: 21.582 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

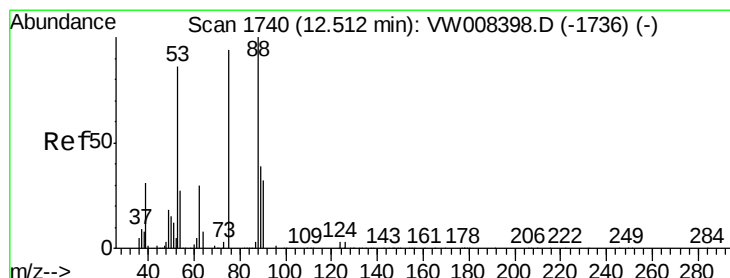
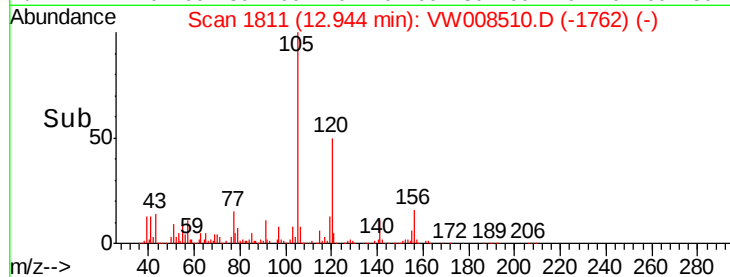
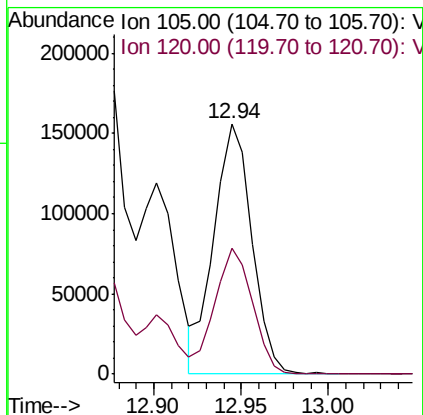
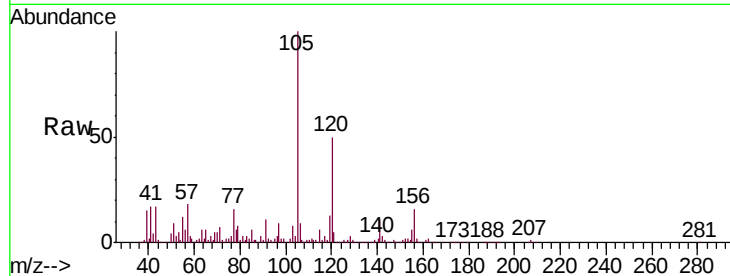
HR-05-020419-A

Tgt Ion:105 Resp: 234512

Ion Ratio Lower Upper

105 100

120 50.2 24.6 73.8



#81

trans-1,4-Dichloro-2-butene

Concen: 5.367 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.04 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

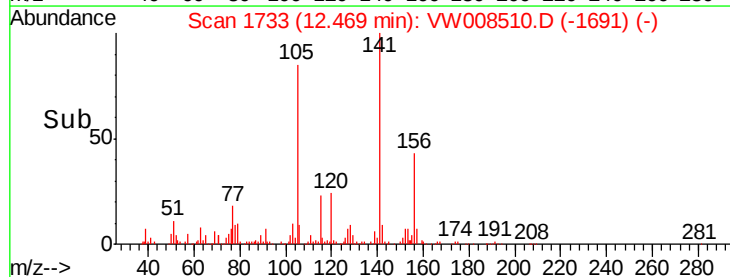
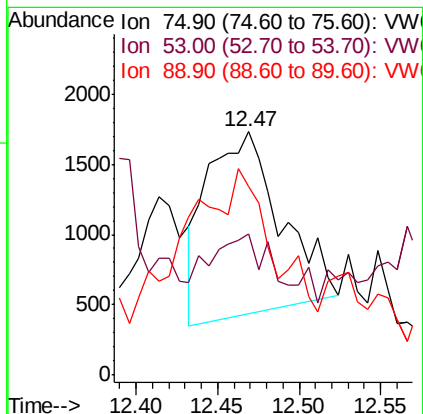
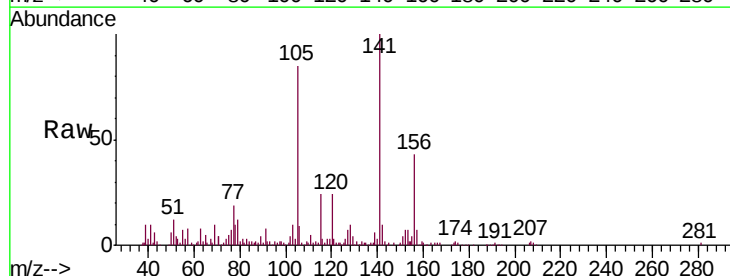
Tgt Ion: 75 Resp: 4120

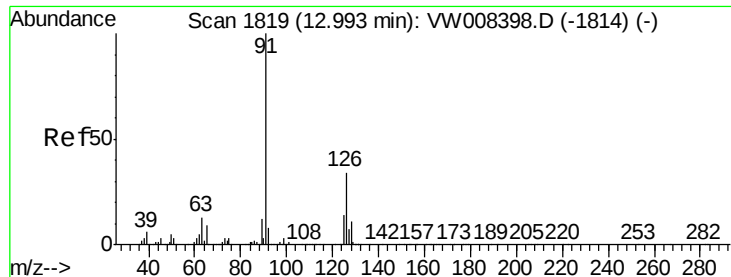
Ion Ratio Lower Upper

75 100

53 32.3 76.0 114.0#

89 0.0 35.4 53.0#

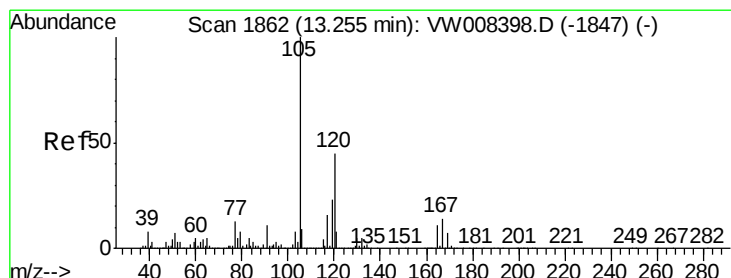
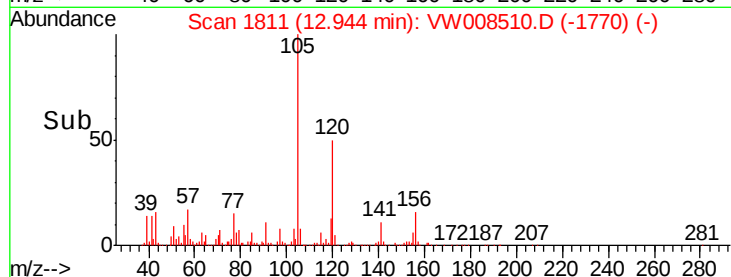
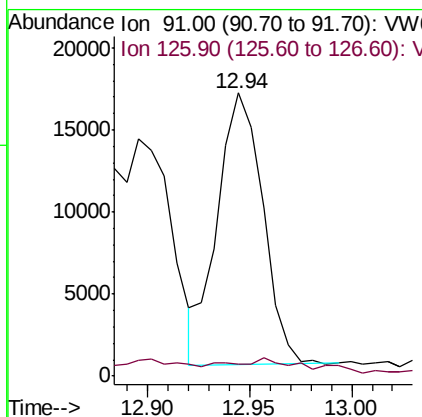
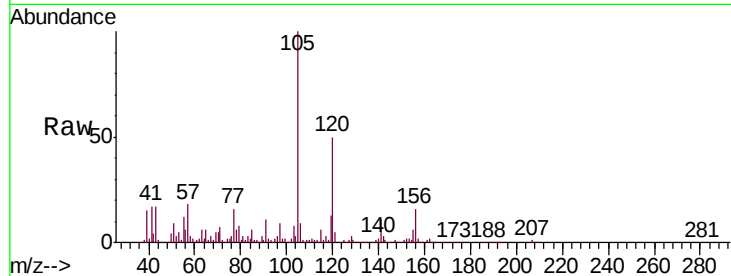




#82
4-Chlorotoluene
Concen: 2.724 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.05 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

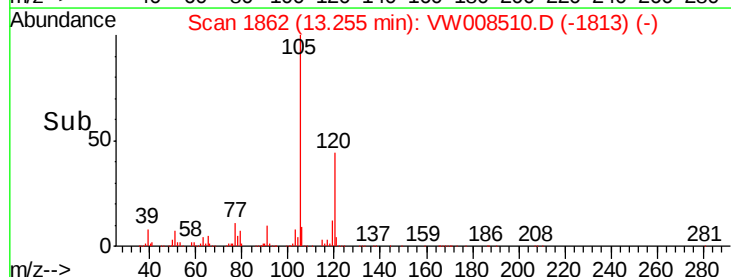
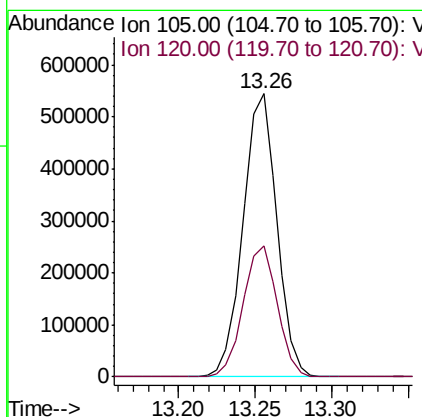
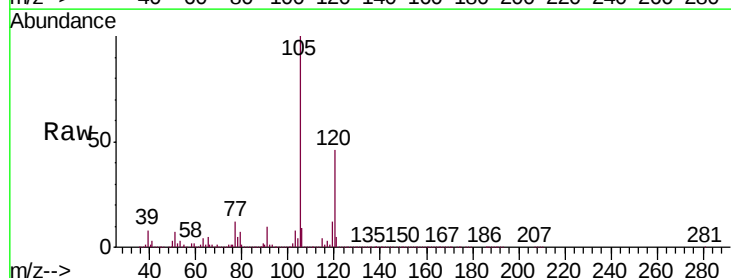
Instrument :
MSVOA_W
ClientSampleId :
HR-05-020419-A

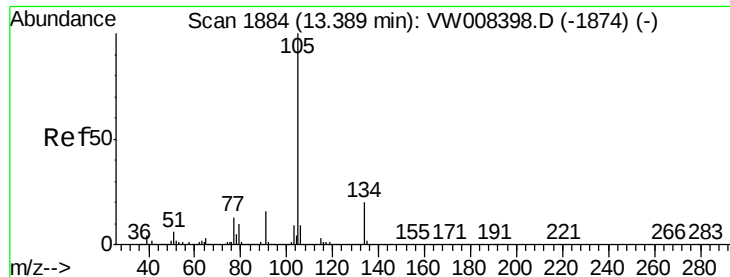
Tgt Ion: 91 Resp: 25552
Ion Ratio Lower Upper
91 100
126 9.9 16.4 49.2#



#84
1,2,4-Trimethylbenzene
Concen: 75.568 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008510.D
Acq: 04 Feb 2019 19:03

Tgt Ion: 105 Resp: 834630
Ion Ratio Lower Upper
105 100
120 46.9 23.1 69.2

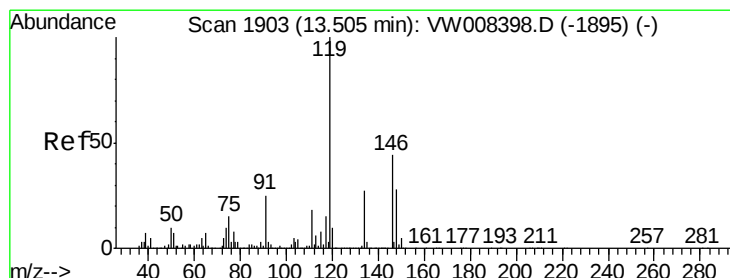
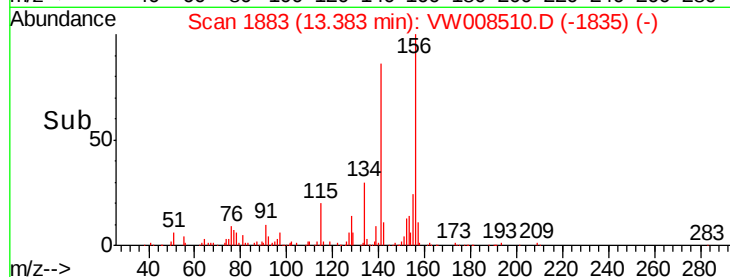
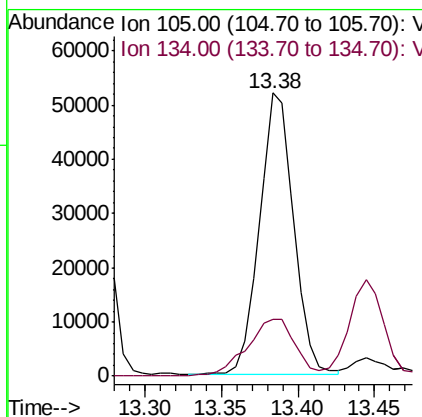
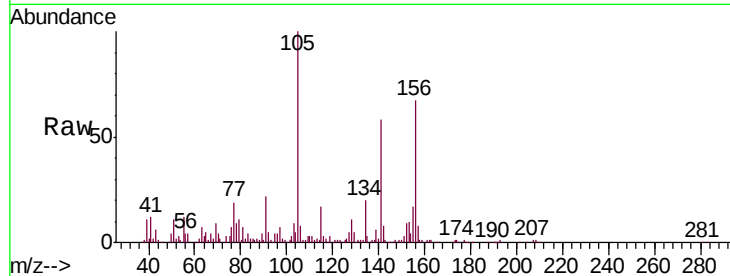




#85
 sec-Butylbenzene
 Concen: 5.861 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008510.D
 Acq: 04 Feb 2019 19:03

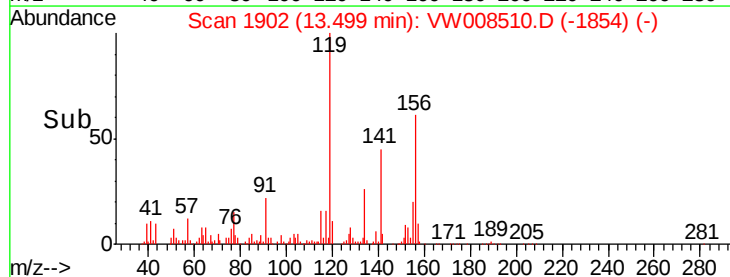
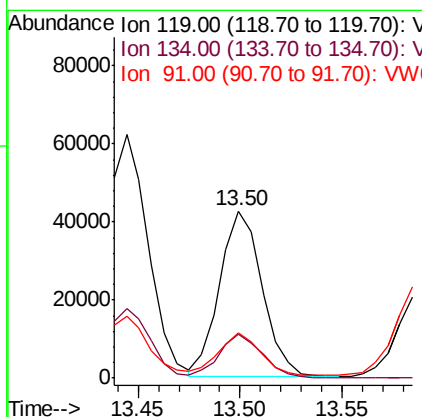
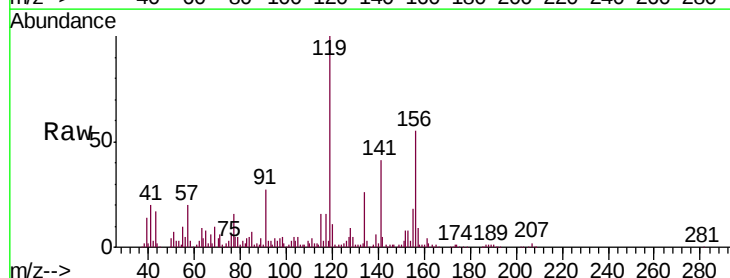
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-020419-A

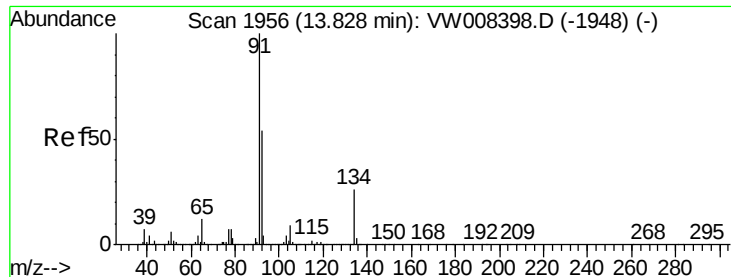
Tgt Ion:105 Resp: 80934
 Ion Ratio Lower Upper
 105 100
 134 28.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 5.070 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008510.D
 Acq: 04 Feb 2019 19:03

Tgt Ion:119 Resp: 61328
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 25.1 12.6 37.6





#89

n-Butylbenzene

Concen: 13.173 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008510.D

Acq: 04 Feb 2019 19:03

Instrument :

MSVOA_W

ClientSampleId :

HR-05-020419-A

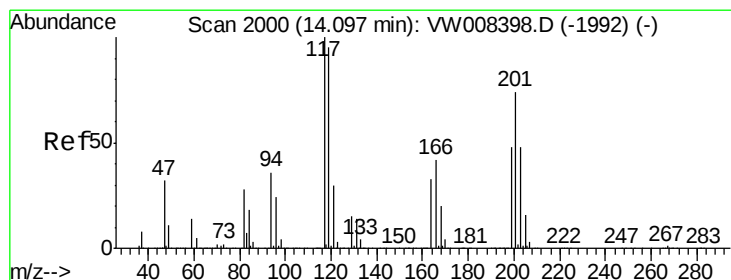
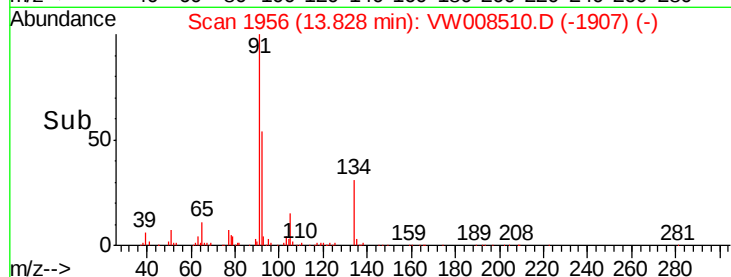
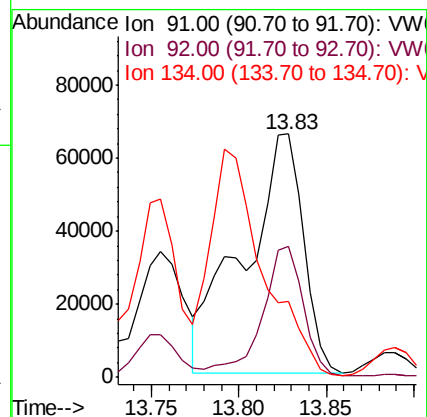
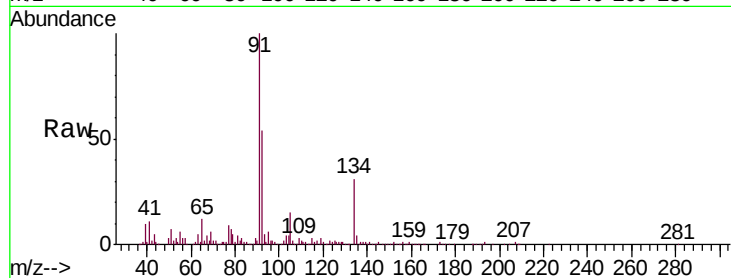
Tgt Ion: 91 Resp: 156459

Ion Ratio Lower Upper

91 100

92 37.5 27.4 82.2

134 0.0 13.0 39.0#



#90

Hexachloroethane

Concen: 10.594 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008510.D

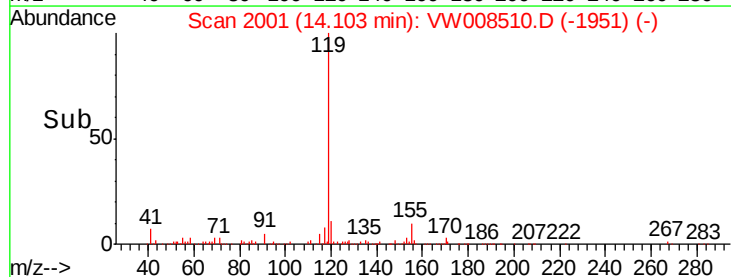
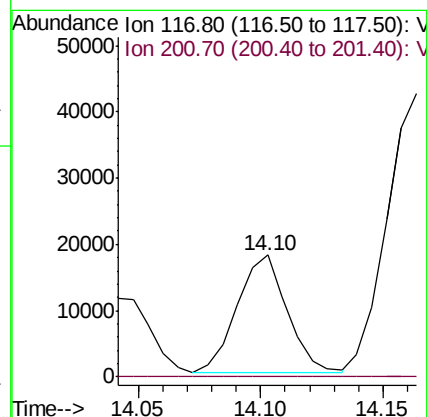
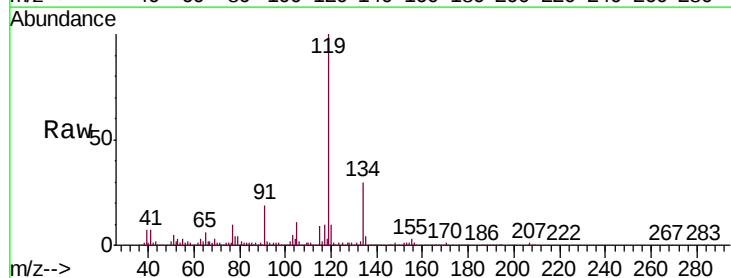
Acq: 04 Feb 2019 19:03

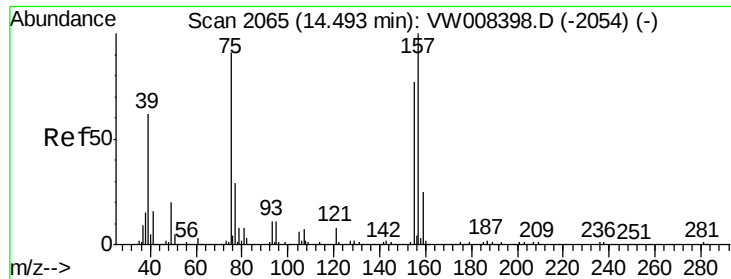
Tgt Ion: 117 Resp: 25062

Ion Ratio Lower Upper

117 100

201 0.0 39.1 117.5#

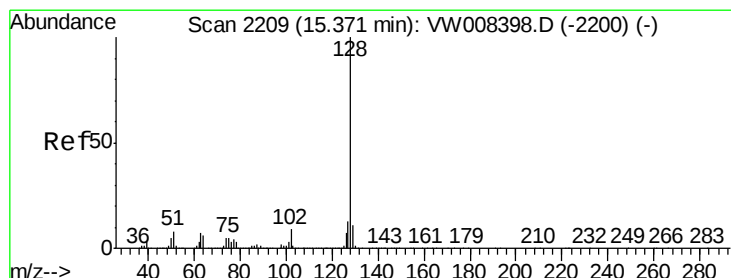
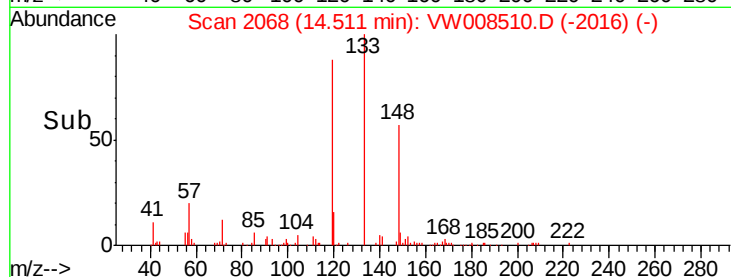
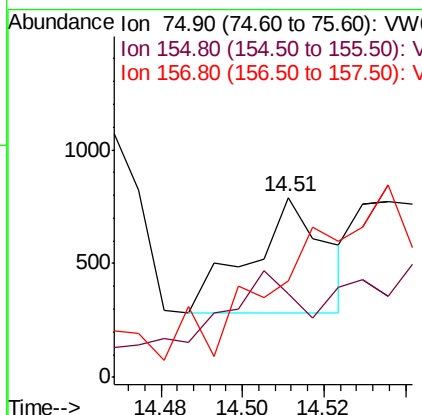
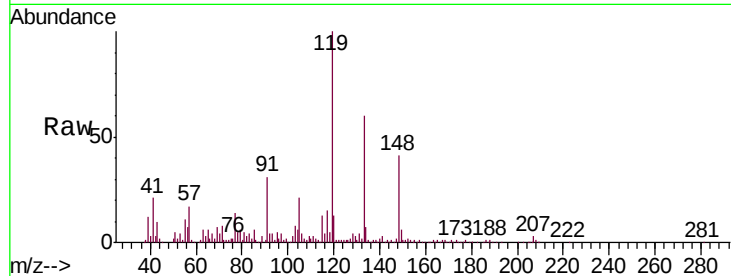




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.682 ug/l
 RT: 14.51 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: VW008510.D
 Acq: 04 Feb 2019 19:03

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-020419-A

Tgt Ion: 75 Resp: 657
 Ion Ratio Lower Upper
 75 100
 155 69.6 42.7 128.1
 157 0.0 55.5 166.3#



#95
 Naphthalene
 Concen: 36.160 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008510.D
 Acq: 04 Feb 2019 19:03

Tgt Ion: 128 Resp: 229875
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.6 15.8
 129 11.8 8.7 13.1

